

1970-71

Cornell University

ANNOUNCEMENTS

*General Information*



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Information*

1970-71

# Cornell Academic Calendar

1970-71\*

Registration, new students	Th, Sept. 10
Registration, continuing students	F, Sept. 11
Fall term instruction begins, 7:30 a.m.	M, Sept. 14
Instruction suspended for citizenship recess, 1:10 p.m.	S, Oct. 24
Instruction resumed, 7:30 a.m.	Th, Nov. 5
Thanksgiving Day, a holiday	Th, Nov. 26
Instruction suspended for Christmas recess, 4:30 p.m.	T, Dec. 22
Instruction resumed, 7:30 a.m.	M, Jan. 4
Fall term instruction ends, 1:10 p.m.	S, Jan. 9
Independent study period begins, 2:00 p.m.	S, Jan. 9
Final examinations begin	W, Jan. 13
Final examinations end	W, Jan. 20
Interession begins	Th, Jan. 21
Registration, new and rejoining students	Th, Jan. 28
Registration, continuing students	F, Jan. 29
Spring term instruction begins, 7:30 a.m.	M, Feb. 1
Spring recess:	
Instruction suspended, 1:10 p.m.	S, Mar. 27
Instruction resumed, 7:30 a.m.	M, Apr. 5
Spring term instruction ends, 1:10 p.m.	S, May 15
Independent study period begins	M, May 17
Final examinations begin	M, May 24
Final examinations end	T, June 1
Commencement Day	M, June 7

\* The dates shown in the Academic Calendar are subject to change at any time by official action of Cornell University.

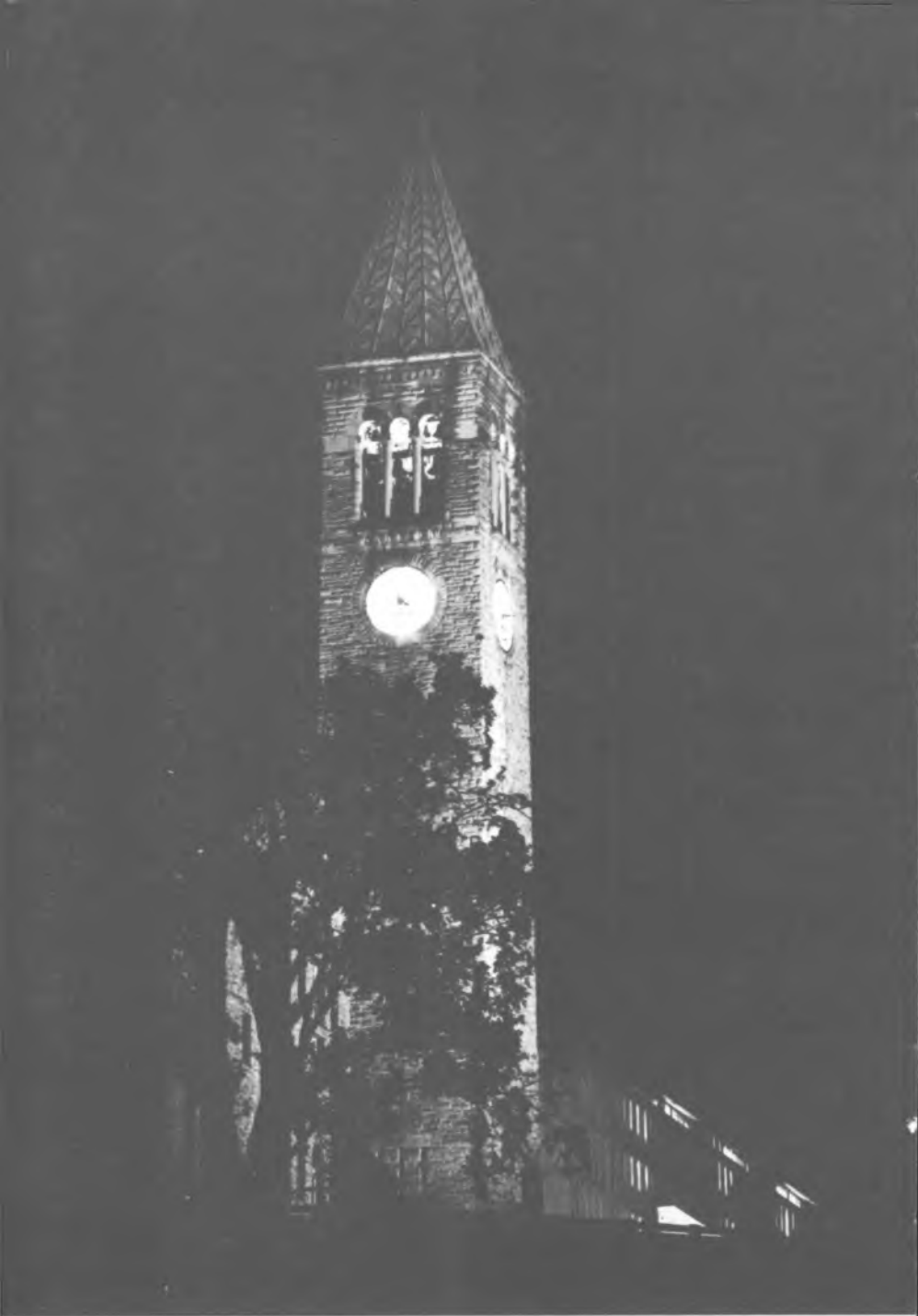
## CORNELL UNIVERSITY ANNOUNCEMENTS

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The curricula described in this *Announcement*, and the personnel listed therein, are subject to change at any time by official action of Cornell University.



The McGraw Tower of Uris Library, with Olin Library in the background.

# Cornell University

## THE FOUNDING

When Cornell was founded in 1865, it was considered a startling innovation in American education. Instead of pursuing conventional academic ideas, it proposed to offer *any* intellectually qualified person instruction in *any* subject. Ignoring as it did distinctions based on religion, sex, and color, the "Cornell Idea" was viewed as a questionable experiment.

Time proved the University to have been a leader in a great shift in American education. It answered the three most pressing demands of the period: liberalization of the humanities curriculum, promotion of research, and provision of advanced training in agriculture and engineering.

The Cornell story is best told in terms of its founders—Ezra Cornell and Andrew Dickson White.

Ezra Cornell was practical and energetic and had a Quaker conscience which impelled him to say, "My greatest care is how to spend this large income to do the greatest good. . . ." Cornell was not born to wealth. He had worked hard for it. And although his own education was meager, he concluded that supporting education was the best way to use his personal fortune for the good of posterity. His search for a way to implement this resolve ended when he met Andrew Dickson White, a fellow senator in the legislature at Albany.

White was American-born but a product of an older culture. It was easy to imagine him in a European university, happy among books and the trappings of antiquity. Devoted to learning, steeped in the arts and humanities, he was a professor and lived in the world of ideas. He had long dreamed of an educational institution that would be "a worthy American university."

In 1864 the two men conceived a plan to combine Ezra Cornell's resources with the proceeds from sale of the public land awarded

to New York State under the federal land-grant college act; together they won the state legislature's approval; together they built the University.

It was as much from their differences of character as from their common interest that the University was shaped. The practical Cornell would have established a school to train young men for agriculture and industry. The scholarly White would have started "a nucleus around which liberally minded men of learning . . . could cluster, a center from which ideas and men shall go forth to bless the nation. . . ."

As the product of both men's ideas, Cornell University became more than either had envisioned. It became a unique institution responsive to the new needs of the nation.

## CORNELL TODAY

The University's basic objective is to produce men and women of intellect and to equip them to use their abilities wisely.

The stature of Cornell as a university is not a product of its size or location. It is not a function of age or financial standing or the geographic origin of students. Both excellence and mediocrity can be found in universities in any size range, any stage of prosperity, and any age group. The factors that distinguish Cornell and place it among the eminent universities of our time lie behind the brick and mortar, in the traditions, objectives, and commitments of the University and its people.

Cornell is not solely a place for memorizing data or mastering a vocation. It is, instead, a route to intellectual maturity, a means for developing the ideas, insights, and values which form a permanent personal capacity for intelligent thought and action. The Cornell student is prepared to use knowledge well for himself and society. The diversity of Cornell contributes breadth and perspective to strong, specialized programs of study.

Compared with some other American universities Cornell is of medium size. Listed on its rolls are some 14,600 students. Its faculty and staff on the Ithaca campus number about 7,000.

Some universities are sustained by public money; others depend on private funds supplied by alumni, friends, and other sources. Cornell draws its support from both. Part of the University is state-supported; part, privately financed through endowment, tuition, fees, gifts, and grants.

Cornell is a national—in fact, an international—institution. Its students come from every state in the Union and from more than eighty-five foreign countries. The faculty and staff have been



drawn from every region of the nation—and again many nationalities are represented.

Cornell's activities are mainly centered in Ithaca, New York, on a campus comprising more than ninety major buildings on about 700 acres. Here, the University has the classrooms, laboratories, libraries, experimental gardens, dormitories, and other facilities needed for most of its work. It has also spread to other communities, however. It has a medical college and a nursing school in New York City. It operates the New York State Agricultural Experiment Station in Geneva, New York, and the Arecibo Observatory in Arecibo, Puerto Rico. Research teams are at work in several foreign countries.

## CORNELL'S COLLEGES AND SCHOOLS

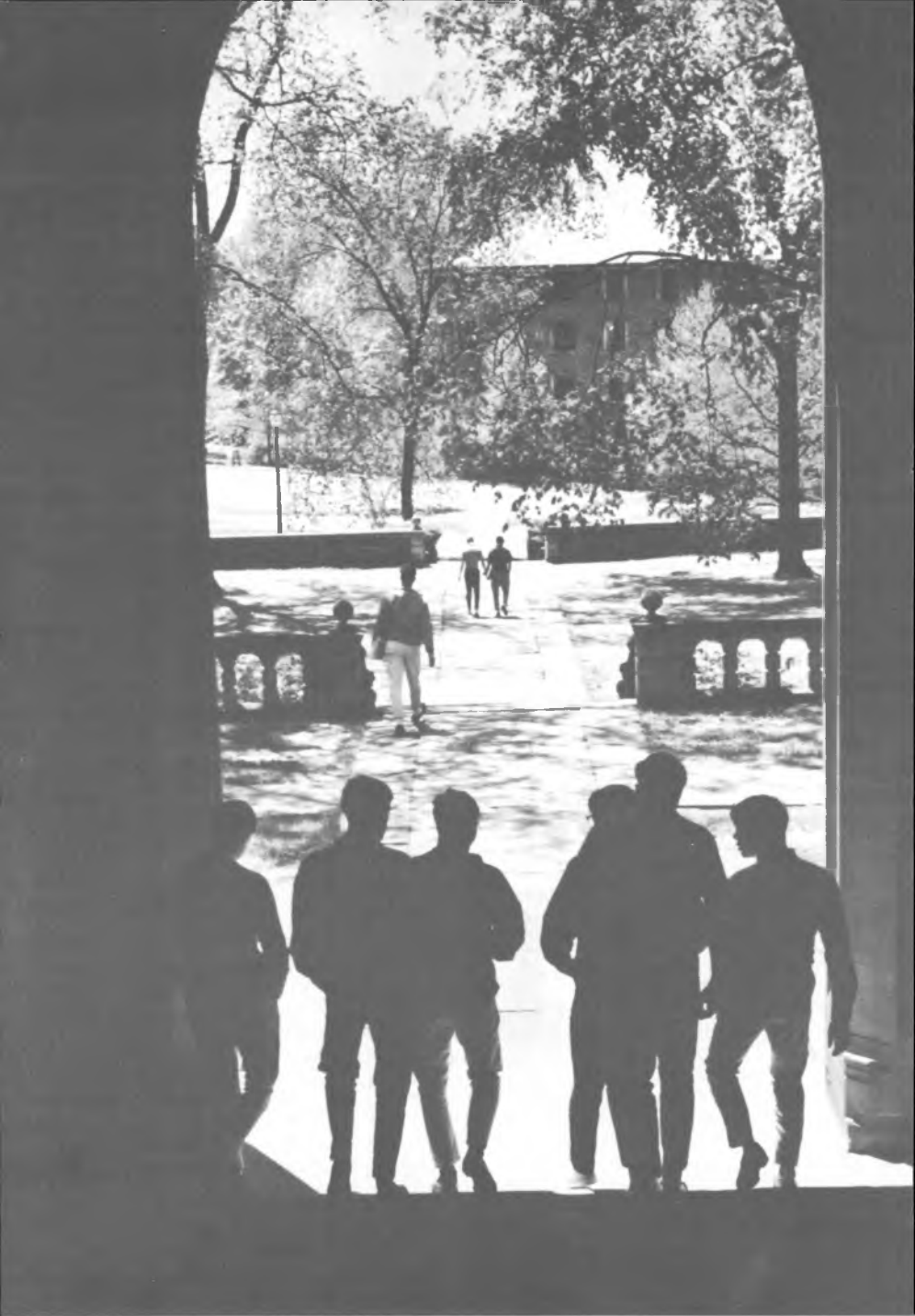
In 1868, when the first freshmen assembled on the Ithaca hills, Cornell University already was committed to having a curriculum of breadth as well as depth. Three programs of study were offered: a "classical" course, following the time-honored pattern of established universities; a "scientific and modern" course, directed to technology and similarly utilitarian studies; and an amalgam of the two called simply a "combined" course.

In the intervening years these three segments have grown into an academic complex of fourteen undergraduate and graduate schools and colleges which are fully accredited by state, regional, and national associations. The curriculum spans almost all the major branches of learning. Bachelors' degrees are awarded in ten broad areas of study.

Ten of the colleges and schools are now privately financed; four are operated under contract as units of the State University of New York. Regardless of the source of funds, all colleges and schools are full-fledged components of the University, interchanging students and supporting each other's efforts and programs. Admission to Cornell University involves, in each instance, meeting the entrance requirements of one of these academic divisions.

The central and largest unit is the College of Arts and Sciences. A liberal college, it devotes itself to those subjects which enable man to understand himself and his world—the humanities, the physical sciences, and the social studies. Every undergraduate takes some of its courses.

High school graduates are admitted to the New York State Colleges of Agriculture and Human Ecology and to the New York State School of Industrial and Labor Relations; to the College of Architecture, Art, and Planning; to the Colleges of Engineering and Arts and Sciences; and to the School of Hotel Administration.



After classes, walking back  
to University Halls.

Students may be admitted to certain Cornell divisions only after some previous college education. The New York State Veterinary College and the Cornell University-New York Hospital School of Nursing require two years of undergraduate preparation; the Law School requires a baccalaureate degree; the Graduate School of Business and Public Administration requires a baccalaureate degree except in a few specific cases; and the Graduate School, the Medical College (including the Graduate School of Medical Sciences), the Graduate School of Nutrition, and the Graduate School of Aerospace Engineering all require a baccalaureate degree.

The other units are the Division of Summer Session and Extramural Courses, and the Division of Unclassified Students.

For more information, the prospective student should consult the section Choosing a College or School, beginning at p. 74.

## THE NEW YORK STATE COLLEGE OF AGRICULTURE

At the undergraduate level, the College of Agriculture offers a flexible program which allows students to choose and develop appropriate specializations.

Such specializations may include course work in the physical, biological, social, or agricultural sciences, all of which are important in modern agriculture. Leaders in the nation's largest industry are needed in business, industry, government, education, and research, as well as in commercial agriculture. In preparing for these careers, some students find it stimulating to seek answers to the unknown while others are attracted by opportunity to apply knowledge to practical problems. Many graduates of the College continue their studies in graduate or professional schools.

The undergraduate program, spanning four years, leads to a Cornell University Bachelor of Science degree. The student may follow a curriculum in a specialized area suggested by his faculty adviser, or he may select, with the help of an adviser, courses within the broad requirements that will best prepare him for his personal objectives. Course selections are made from within the College of Agriculture as well as from the offerings of other divisions of the University.

Joint programs with the College of Engineering, the Veterinary College, and the Graduate School of Business and Public Administration make it possible for academically qualified students to obtain both a baccalaureate and a professional degree in these areas in the minimum time.

At the graduate level, the various departments of the College offer advanced instruction leading to the degrees of Master of Professional Studies (Agriculture), Master of Professional Studies (Communication Arts), Master of Science, and Doctor of Philoso-

phy. Detailed information may be obtained from the Office of the Dean of the Graduate School.

The College also provides one-year and special adult programs, which are of college level but do not in themselves lead to a degree. Work completed in these programs may be counted toward the Bachelor of Science degree if the student subsequently enrolls in the four-year course. Short courses, not of college level, are offered at irregular intervals to meet the needs of special groups.

A limited number of special students are admitted each year for a one-year curriculum as provisional candidates for the B.S. degree. These students must present the usual entrance requirements of sixteen acceptable units, including four years of high school English, and the Scholastic Aptitude Test of the College Entrance Examination Board. Ordinarily, three units of mathematics are also required. Each student in the one-year curriculum is expected to have approximately one year of work experience appropriate to his objective.

Requests for further information about undergraduate work and special or short courses should be addressed to the Secretary of the College of Agriculture, Roberts Hall.

## THE COLLEGE OF ARCHITECTURE, ART, AND PLANNING

The College of Architecture, Art, and Planning offers undergraduate instruction leading to degrees in the fields of architecture and practice of art. At the graduate level, instruction is given in the history of architecture, urban design, architectural sciences, city and regional planning, and art.

The course of study leading to the degree of Bachelor of Architecture covers five years. It includes training in the basic skills and disciplines needed by the architect for professional competence in his field, together with courses planned to stimulate his creative imagination and to broaden his knowledge of the social and cultural values that must be reflected in contemporary architecture.

The four-year curriculum leading to the degree of Bachelor of Fine Arts provides professional instruction in the practice of painting, sculpture, and graphic arts, supplemented by a considerable body of work in the history of art and in general academic subjects.

A number of advanced degrees are offered in the College, all of which require more than a single year of graduate study.

Students who hold professional degrees in architecture from accredited institutions and who wish to undertake graduate study in urban design may apply for admission as candidates for the degree of Master of Architecture.

Students whose undergraduate programs emphasized history of art, architecture, or related subjects and who wish to undertake graduate study in the history of architecture may apply for admission as candidates for the degree of Master of Arts or Doctor of Philosophy.

Students who hold degrees in architecture or engineering from accredited institutions and who wish to undertake graduate study in architectural sciences may apply for admission as candidates for the degree of Master of Science.

Graduate work in art is offered to students who have completed their undergraduate training in painting, sculpture, or graphic arts, and who have proved their capacity to do independent, creative work. Such students may apply for admission as candidates for the two-year course of study leading to the degree of Master of Fine Arts.

Applicants to the program leading to the degree of Master of Regional Planning are expected to hold a Bachelor's degree from a recognized institution. It may be an academic or professional degree in any field of study and no preference for the area of undergraduate study is specified. Two years of graduate study are required for the degree.

The Ph.D. degree, with a major in city or regional planning, is also offered for professionally or academically qualified students interested in teaching, advanced scholarly research, or advanced professional work in planning.

Requests for further information should be addressed to: the Office of the Dean, College of Architecture, Art, and Planning, Sibley Hall.

## THE COLLEGE OF ARTS AND SCIENCES

The College of Arts and Sciences is a liberal arts college. Its students pursue the traditional aim of liberal education: man's understanding of himself and of the world in which he lives.

A four-year course of study leads to the Bachelor of Arts degree. During the first two years, a student pursues at least a year's study in one of the natural sciences, in one of the social sciences, and in one of the humanities. In addition, he must achieve competence in the use of the English language and lay a sound foundation in at least one foreign language. In his last two years he may continue work in two or three areas of knowledge, but he devotes roughly half of his study to acquiring depth and competence in one of them, his major subject.

Though a part of the student's course of study is required, he still exercises a wide choice in selecting particular courses to meet the requirements and has numerous unrestricted electives. The



A creek on campus in late winter.

student is expected to accept a large share of responsibility in shaping his own program of study, though every student is assigned to a faculty adviser and has recourse to other sources of advice on the campus in making the most of his educational opportunities at Cornell.

A student is offered a wide choice of fields of major study: anthropology, Asian studies, biological sciences, chemistry, classics, classical civilization, economics, English, French, geological sciences, German, government, history, history of art, Italian, linguistics, mathematics, music, philosophy, physics, psychology, Russian, Semitics, social relations, sociology, Spanish, and theatre arts. Additional areas of concentration are: American studies, archaeology, astronomy, comparative literature, computer science, the program in Greek civilization, international studies, Latin American studies, medieval studies, and social psychology. Individual programs may be constructed through the College Scholar and the Independent Majors Programs (see below and p. 14).

Though the program of studies in the College of Arts and Sciences has been constructed primarily to assure the successful achievement of a liberal education itself, it is also, according to the graduate schools of law, medicine, and business administration, the best preparation for professional study.

In selecting students for admission, the College places increasing emphasis upon the quality of preparation in English, foreign languages, and mathematics. (See the section Subject and Test Requirements on pp. 39-44).

Students interested in the College of Arts and Sciences should request the *Announcement* of that College. Those interested in graduate study should consult the appropriate one of the four *Announcements of the Graduate School* (see list at the end of this *Announcement*).

## College Scholar Program

The College Scholar Program is primarily a College-wide honors program designed to provide for particularly able and mature students the opportunity to pursue an original program independent of general College requirements. (Further information is contained in the *Announcement of the College of Arts and Sciences*.)

## The Greek Civilization Program

Designed for freshmen and sophomores, this Program is an integrated approach to a single culture through the various disciplines. It is equally valuable for students planning to concentrate in the

sciences or in the humanities. (Further information is contained in the *Announcement of the College of Arts and Sciences*.)

### The Independent Majors Program

This Program is designed for students who wish to focus on a topic that lies between or across the boundaries of existing departments. In his second semester as a sophomore the student is given the opportunity to define and design his own major field, with the guidance and direction of appropriate members of the faculty. (Further information is contained in the *Announcement of the College of Arts and Sciences*.)

### THE COLLEGE OF ENGINEERING

New and exciting career opportunities in engineering are constantly developing as man tries to respond to his contemporary and future needs. To meet these needs engineers must be more interdisciplinary in their outlook, and to encourage the educational growth of Cornell engineering students in this direction, the faculty has instituted significant changes in the undergraduate degree program, effective in the fall of 1970.

Traditionally, engineering curricula have been well defined and have allowed students little or no opportunity to select courses. Now, the engineering student at Cornell will choose four of his ten courses (five per term) as a freshman and six of the ten as a sophomore. This latitude of choice will enable him to explore possibilities that may lead to interdisciplinary programs within the College in his upperclass years or to faculty involvement in engineering and other divisions of the University.

Because students will enter the junior year with diverse backgrounds (in the natural, engineering, and social sciences), the College offers a broad array of majors from which to choose and an opportunity to design an individualized program if the student so desires. Among the well-defined majors are: chemical, civil, electrical, industrial, and mechanical engineering; engineering physics; and materials science and engineering. Individualized combinations of studies in different disciplines are possible through the *College Program*, in which a student constructs his own major and minor curricula with the advice of a faculty consultant. A number of students have developed such programs in the past in preparation for graduate study in aerospace engineering, computer science, applied mathematics, and nuclear engineering. Several other students have devised programs combining an engineering major with a biology minor, sometimes with a strong emphasis on environmental systems.



All these programs lead to the Bachelor of Science degree. After receiving this degree (which usually requires four years of study), a Cornell student may consider the one-year professional degree program leading to the Master of Engineering degree (with field designation) or the Master of Science/Doctor of Philosophy degree program. The former is oriented to those who want to practice in their engineering field, the latter to those who want to pursue an academic or research career. Of course, many graduates of the College of Engineering continue their formal education in medicine, business administration, law, and other areas outside engineering.

For Cornell undergraduate engineering students who are interested in gaining valuable experience in industry while they go to school, the College sponsors an Engineering Cooperative Program. It currently involves twenty participating companies and is offered to students majoring in mechanical, industrial, or electrical engineering, or engineering physics. Unlike most cooperative programs, Cornell's does not extend the date of graduation—students take fifth-term courses during the summer after their sophomore year and work in industry during the fall of their junior year and in the succeeding two summers.

Students interested in the College of Engineering should request the publication *Engineering at Cornell*. Detailed descriptions of undergraduate and graduate courses and fields may be found in the *Announcement of the College of Engineering*.

## THE SCHOOL OF HOTEL ADMINISTRATION

The special program in hotel and restaurant administration gives thorough professional training for careers in the hotel, restaurant, hospital, and related fields. The curriculum is designed to fit students for positions of executive responsibility.

Besides courses in the humanities, the program of study includes general and specialized accounting involving computer applications, business administration, financial management, food science and food service management, functional design, human resources development, marketing, and property administration as these subjects relate to worldwide developments in food, lodging, and travel.

The program is technical in that it requires a concentration of effort in scientific courses necessary for an adequate background in a field where a core of basic information must be mastered. Yet it is sufficiently broad to allow for optional courses that are of value to those who look forward to positions of top executive responsibility.



Chimesmistress at the keyboard  
in the Library Tower.

The course of study covers four academic years and leads to the Bachelor of Science degree.

Students receive practical training through the operation of Statler Inn, a practice hotel on the University campus, which includes rooms for transient guests, banquet facilities, service restaurants, and cafeterias. A newly instituted program also provides for management internship in selected organizations away from the campus under the supervision of a School director.

Requests for further information should be addressed to the Director of Admissions, School of Hotel Administration, Statler Hall.

### THE NEW YORK STATE COLLEGE OF HUMAN ECOLOGY

The undergraduate program of the College of Human Ecology (formerly College of Home Economics) provides basic course work in subjects that relate man to his near environment. Today more than ever there is a pressing need for professionals with solid college training to formulate solutions to human problems. The aim of the College is twofold: to offer, through the facilities of the College and University, a liberal education in the social and natural sciences, the humanities, and the arts; and to provide specialized instruction based upon these disciplines. The College prepares graduates for professional careers in which the interests and well-being of the individual, the consumer, and the family are paramount. Because the educational program emphasizes both breadth of knowledge and its application to the solution of human problems, it offers professional or preprofessional training for an increasing variety of positions in addition to the traditional home economics professions.

Four years of academic work lead to the Bachelor of Science degree. Requirements for the degree include study in the humanities and the biological, physical, and social sciences inside and outside the College. Electives may be taken in the College and elsewhere in the University.

The program of liberal studies emphasizes those subjects which best help man to understand himself and his environment. It provides the basic knowledge required for successful professional work in a society that is changing both technologically and sociologically. The specialized studies relate general knowledge to an understanding of the needs of people with regard to food, shelter, clothing, management of resources, and interpersonal and family relationships.

Departments in the College include Community Service Education, Consumer Economics and Public Policy, Design and Envi-

ronmental Analysis, Human Development and Family Studies, and Human Nutrition and Food.

Graduate study in the College, offered in all departments, leads to either the Master's or the Doctor's degree. Candidates must qualify for admission to the Graduate School.

Professional opportunities are many and varied. Graduates of the College are employed in social case work and group work, and in the study of budgets and standards that help social agencies function; in hospital dietetics and nutrition education; in business, as professionals in consumer education and services, and in the design, promotion, and testing of such items as foods, textiles, household and institutional equipment, and furnishings; in teaching at preschool, secondary and college levels, and in cooperative extension; in research programs; and in writing, radio, and television positions.

Descriptions of undergraduate and graduate courses may be found in the *Announcement of the College of Human Ecology* (listed at the end of this *Announcement*).

Inquiries about the undergraduate program may be addressed to the Committee on Admissions, College of Human Ecology, Martha Van Rensselaer Hall. Requests for information about graduate study may be addressed to the Associate Dean for Graduate Education and Research, College of Human Ecology, Martha Van Rensselaer Hall.

## THE NEW YORK STATE SCHOOL OF INDUSTRIAL AND LABOR RELATIONS

The School of Industrial and Labor Relations offers professional study in its field for both graduate and undergraduate students. The curriculum is designed to prepare young men and women for careers in personnel and union-management relations work with business and industry, labor unions, and both state and federal governments. It also offers preparation for postbaccalaureate study in the fields of law, education, business, psychology, sociology, economics, history, political science, international affairs, and numerous new interdisciplinary graduate degree programs concerned with contemporary social, economic, urban, and political problems, domestic and foreign. Undergraduates pursue a curriculum leading to the Bachelor of Science degree, and graduate study leads either to the Master's or to the Doctor's degree.

The four-year undergraduate program develops an understanding of urban industrial society by providing a general education in the social sciences, a number of courses designed to produce special competence in industrial relations, and complementary electives in the humanities. The first two years are spent in required

courses, half in the School and half elsewhere in the University, mainly in the College of Arts and Sciences. In the upperclass years, students are free to pursue elective courses, again about evenly divided between those given in the School and those offered elsewhere in the University.

Undergraduates wishing to prepare for graduate work in one of the basic social sciences may use out-of-college electives to establish an informal minor in economics, government, history, psychology, or sociology. Choice of advanced Industrial and Labor Relations electives will reflect the individual student's interests in the offerings of the following departments in the School: Organizational Behavior; Labor Economics and Income Security; Collective Bargaining, Labor Law, and Labor Movements; Economic and Social Statistics; International and Comparative Labor Relations; and Manpower Studies.

Requests for further information should be addressed to the Director, Office of Resident Instruction, School of Industrial and Labor Relations, 101 Ives Hall.

#### THE CORNELL UNIVERSITY-NEW YORK HOSPITAL SCHOOL OF NURSING

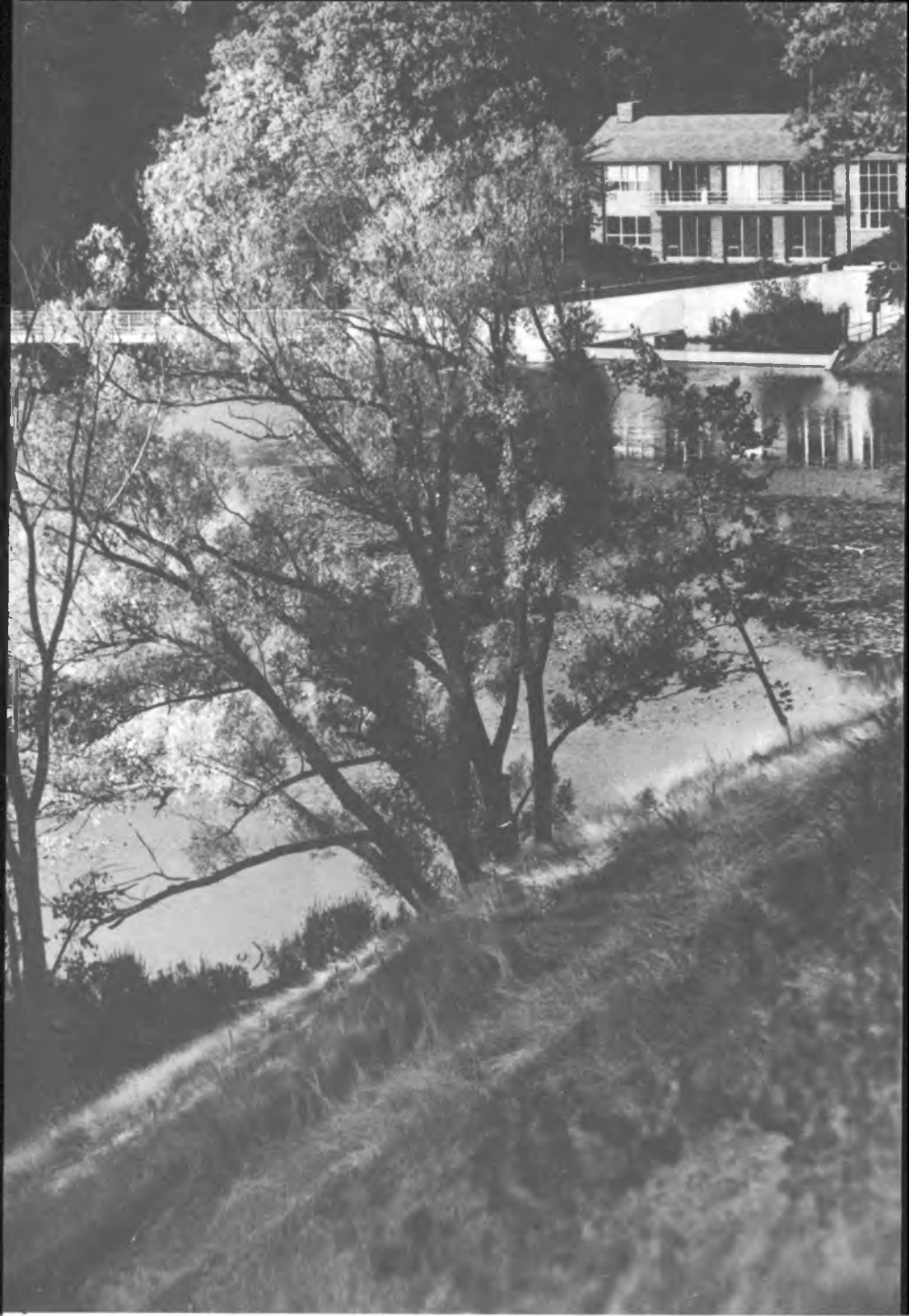
The nursing major, which is two academic years in length, is offered at the School of Nursing in New York City. The School is a unit within the complex of the New York Hospital-Cornell Medical Center.

Two nursing majors on the baccalaureate level are offered. Admission to the nursing major of the four-year baccalaureate program is dependent upon the satisfactory completion of sixty semester hours (two years) of courses in general education which may be taken at Cornell University in Ithaca in the College of Arts and Sciences, the College of Human Ecology, or the College of Agriculture. The first two years of college may also be completed in any regionally accredited university, college, or junior college.

The second nursing major has been designed for those persons who have a baccalaureate degree in another discipline. Course content and learning experiences have been designed for this program based on the assumption that the college graduate is more mature and self-directed.

Both programs offer preparation for professional nursing and lead to the degree of Bachelor of Science in Nursing. Opportunities are open to graduates in a wide variety of health services at home and abroad.

Requests for further information should be addressed to the Registrar, Cornell University-New York Hospital School of Nursing, 1320 York Avenue, New York, New York 10021.



Noyes Lodge, on the shore of Beebe Lake, is a favorite place for dining and coffee.

## THE GRADUATE SCHOOL

The Graduate School offers facilities for advanced study and research to mature students who wish to receive advanced professional training and to become scholars in the broad sense of the term.

Graduate study is necessarily a highly individual process. The transmission of scholarly enthusiasm and independence from one generation of scholars to another is not assured by a system of regulations and requirements. The faculty regards a person-to-person relationship between the student and his Special Committee or adviser as the best way for the student to reach scholarly maturity. In consequence, the faculty makes no specific requirements for the advanced general degrees of Master of Arts, Master of Science, and Doctor of Philosophy, but only such general requirements as govern the relationships which, in its considered judgment, best accomplish the aim of graduate study: a period of study in residence, the mastery of some one subject, adequate acquaintance with allied subjects, presentation of a satisfactory thesis, and oral examinations.

The Graduate School faculty, as a unit, exercises sole jurisdiction over these advanced *general degrees*. It also has jurisdiction over many of the professional degrees offered by the University. Information concerning qualifications for admission and the courses of study for professional degrees may be obtained from the several Cornell colleges that administer them.

Students who may wish to use the facilities of the University for intensive specialized training but who are not interested in advanced degrees may be admitted as noncandidates under the general supervision of the Graduate School.

To be admitted to the Graduate School an applicant must (1) hold a baccalaureate degree from a college or university of recognized standing or have had work equivalent to that required for such a degree; (2) show promise, as judged by his previous record, of ability to pursue advanced study and research satisfactorily (class standing in the top one-third is considered minimal); and (3) have had adequate preparation to enter graduate study in his chosen field. Despite very good academic records, however, some applicants may be refused admission because of the limited staff and facilities in some Fields in relation to the number of well-qualified applicants.

Inquiries about admission and fellowships should be addressed to the Dean of the Graduate School, Sage Graduate Center. Applications for the fall term which request financial support must be received prior to February 1.

Inquiries regarding facilities for advanced study and research

in a given Field, special requirements for such study and research, and opportunities for part-time employment in teaching and research may be addressed to a member of the faculty in the particular Field or to the dean. (See the appropriate one of the four *Announcements of the Graduate School* as listed at the end of this *Announcement*.)

## THE GRADUATE SCHOOL OF BUSINESS AND PUBLIC ADMINISTRATION

The objective of the Graduate School of Business and Public Administration is to prepare men and women, through interdisciplinary studies at the graduate level, for administrative careers in private business, public service, and health care. Accordingly, the School offers work in many disciplines to provide the potential business, public, or health administrator with an understanding of the complexities of the external environment in which he will operate and of the internal workings of the organization of which he will become a part. Although the knowledge and analytical ability a successful manager must possess will be developed in part from the constant challenge and stimulation of experience, education in business, public, or health administration can establish a sound basis for acquiring such knowledge and analytical ability and can accelerate understanding of the administrative environment.

Except as outlined in the *Announcement* of the School, a Bachelor's degree or its equivalent is required for admission to the two-year program leading to the Master of Business Administration or Master of Public Administration degree. Generally, about two-thirds of the students have a background of undergraduate studies in arts or sciences, and about one-quarter have studied engineering.

After completing the basic program, the M.B.A. candidate may elect a program of concentration in industrial accounting, professional accounting, finance, international business operations, managerial economics, marketing, personnel management, production and operations management, quantitative analysis for managerial decision making, or transportation. The M.P.A. candidate may elect a concentration in economic analysis and public policy, general public administration and policy formulation, international development and foreign operations, metropolitan and urban studies, or organizational theory and behavior. Candidates for either the M.B.A. or M.P.A. degree may also elect a concentration in hospital and health services administration, to be taken, essentially, in the Sloan Institute of Hospital Administra-



tion, an integral part of the Graduate School of Business and Public Administration. In addition, special programs, including combinations of work in the areas listed above and study at the graduate level in other divisions of the University, are also available. The content of the individual student's program is determined by him in consultation with his adviser.

Through a combined program in administration and law, organized by this School and the Cornell Law School, a student may obtain the M.B.A. or M.P.A. degree and the J.D. degree in four years.

The Doctor of Philosophy program provides an advanced and comprehensive education in administration, primarily for those who seek careers in teaching or research. Applicants must meet the entrance requirements of the Graduate School.

The School publishes the *Administrative Science Quarterly*, a scholarly journal concerned with advancing the basic understanding of administration through empirical investigation and theoretical analysis. It also publishes books and monographs on various aspects of administration and policy.

Through its Executive Development Program, the School offers an intensive six-week course of study designed for executives in business firms and governmental agencies. Development programs are also offered for hospital administrators and agribusiness executives.

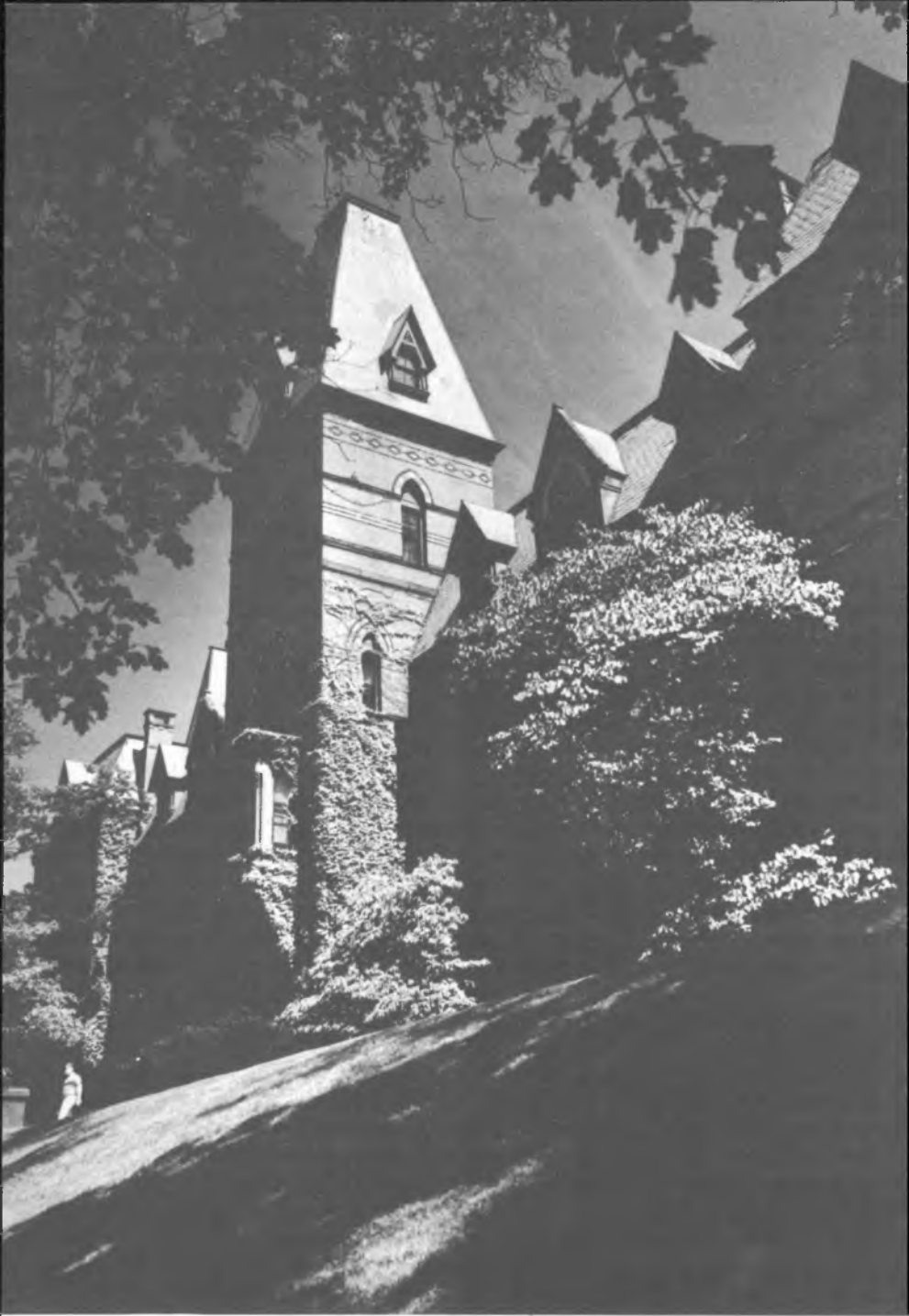
Malott Hall (1964), which houses the School, was designed to meet the specialized requirements of graduate education in administration.

Requests for further information should be addressed to the Director of Admissions and Student Affairs, Graduate School of Business and Public Administration, Malott Hall.

## THE LAW SCHOOL

The primary function of the Law School is to prepare attorneys for both public and private practice who are equipped to render skillful professional service and who are thoroughly conscious of the important role played by the law as a means of social control. The curriculum is designed to prepare students for admission to the bar all American states and territories.

A student who is admitted to the Law School must have a Bachelor's degree from an approved college or university. The Law School and the Graduate School of Business and Public Administration have developed a program for combining a law school education with training in either business or public administration, according to a student's election, leading to the com-



Sage Graduate Center, headquarters of the Graduate School and also a graduate student residence hall.

pletion of work in the two fields and the award of two degrees in four rather than five years. Applicants for admission to this combined program must make a separate application to both schools and be approved by both.

The course of study leading to the degree of Doctor of Law (J.D.) covers three academic years. A limited number of students will be admitted to a program of study leading to the degree of Doctor of Law (J.D.) with specialization in international affairs.

Study at the graduate level, leading to the degrees of Master of Laws and Doctor of the Science of Law, is conducted in the Graduate School under the direction of the Law School. Candidacy for the degree of Master of Laws is open to those who have earned the first professional degree in law and who have decided upon a specialty. Work leading to the degree of Doctor of the Science of Law is planned mainly for those who wish to teach law.

Requests for further information should be addressed to the Director of Admissions, Law School, Myron Taylor Hall, Ithaca, New York 14850.

## THE MEDICAL COLLEGE

Cornell University Medical College is located at the center of a large complex of medical teaching, research, and treatment institutions on the east side of Manhattan in New York City.

The Medical College offers a four-year course of graduate instruction leading to the degree of Doctor of Medicine and qualifying graduates for licensing examinations in all states and territories of the United States. Applicants for admission to the Medical College must be graduates of approved universities, colleges, or scientific schools. The first two years primarily are devoted to study of the basic sciences of anatomy, microbiology, pathology, physiology, biochemistry, public health, and pharmacology, but a number of hours are reserved for the clinical sciences (approximately 20 percent of total time) and electives (10 percent of total time). The last two years concentrate on training in the clinical sciences of internal medicine, neurology, surgery, pediatrics, psychiatry, and obstetrics and gynecology.

Cornell University Medical College is a partner in The New York Hospital-Cornell Medical Center. In its teaching programs the Medical College is affiliated with and uses the clinical facilities of The New York Hospital; Memorial Sloan-Kettering Cancer Center; Manhattan Eye, Ear and Throat Hospital; the Hospital for Special Surgery; and the North Shore Hospital. Requests for information should be addressed to the Chairman, Admissions Committee, Cornell University Medical College, 1300 York Avenue, New York, New York 10021.

## The Graduate School of Medical Sciences

The Graduate School of Medical Sciences offers curricula leading to the degree of Doctor of Philosophy in the Fields of Biochemistry, Biological Structure, Biology, Biomathematics, Biophysics, Biostatistics, Cell Biology, Genetics, Microbiology, Neurobiology and Behavior, Pathology, Pharmacology, and Physiology. The School also offers curricula leading to the Master of Science degree in certain of these Fields. The Faculty of the School is drawn from the basic science departments of Cornell University Medical College and from the units of its Sloan-Kettering Division. The research facilities of the Medical College and of the Sloan-Kettering Institute for Cancer Research are utilized in all graduate programs in the School. Requests for information should be addressed to Cornell University Medical College, 1300 York Avenue, New York, New York 10021.

## THE GRADUATE SCHOOL OF NUTRITION

The Graduate School of Nutrition offers graduate programs in the biological aspects of nutrition, as well as in the social science aspects of nutrition. The Master of Nutritional Science (M.N.S.) and Master of Food Science (M.F.S.) degree programs give firm foundations in the sciences basic to nutritional or food science. In addition, each student takes appropriate courses and conducts research in his chosen area of specialization. Special instruction is available to students whose previous academic training has not necessarily been in the area of nutrition. Both programs, which are usually completed in two years including one summer, are designed to meet the student's particular needs according to his educational background, graduate specialization, and professional goals after graduation. One of the following specializations may be selected: nutritional biochemistry; experimental animal nutrition; and human nutrition, which includes international nutrition, public health nutrition, and clinical nutrition.

The broad background obtained in both the M.N.S. and M.F.S. degree programs is excellent for students wishing to continue in a doctoral program in nutrition (human or animal), or a related area such as biochemistry, physiology, food science and technology, or sociology. In fact, numerous students have found the M.N.S. and M.F.S. degree programs particularly helpful in selecting an area of study leading to the more advanced degree and have used the School's program as a stepping-stone when their future ambitions had not yet been established.

Applicants for admission to the School must hold a baccalaureate degree from a college or university of recognized standing.

Requests for further information should be addressed to the Secretary, Graduate School of Nutrition, Savage Hall, Cornell University, Ithaca, New York 14850.

### THE NEW YORK STATE VETERINARY COLLEGE

The Veterinary College curriculum, which requires four academic years, provides a broad biological background in the science and art of veterinary medicine. Training includes instruction in the normal and abnormal structure and the functions of the animal body, in diagnosis, prevention, and treatment of animal diseases, and in matters that pertain to public health. Upon completion of the prescribed course of study, the degree of Doctor of Veterinary Medicine is awarded. This degree is recognized by the licensing boards of all states and territories of the United States and by similar agencies in many foreign countries. Graduates may enter private practice, salaried work with state or federal agencies and private corporations, or research and teaching in a variety of institutions.

Work at the graduate level leading to the degrees of Master of Science, Doctor of Science in Veterinary Medicine, and Doctor of Philosophy is offered in accordance with the regulations of the Graduate School.

Requirements for admission to the College include two years of college work with credits in several specified subjects and satisfaction of a farm practice requirement (not required of women). Students are selected on the basis of scholastic ability and vocational motivation. Since the College is state-supported, preference is given to New York State residents who qualify for admission.

Those who are interested in applying for admission should request a copy of the *Announcement of the New York State Veterinary College*.

### THE DIVISION OF SUMMER SESSION AND EXTRAMURAL COURSES

Under the auspices of the Division of Summer Session and Extramural Courses, the University offers a wide variety of credit and noncredit courses during the summer for graduate, undergraduate, and nondegree students, and for high school graduates accepted for admission by an accredited college. The Division also provides an opportunity for employed persons to take part-time study during the regular school year. In this way an individual may gain credit toward an academic degree, may take work necessary for job advancement, or may pursue cultural and avocational interests.

**THE SUMMER SESSION.** The Summer Session of Cornell University is planned with the cooperation of the faculties of the separate schools and colleges. It involves a wide spectrum of courses and includes programs which especially lend themselves to the concentrated study period and the summer environment. The regular Cornell standards of instruction and academic performance are maintained.

A balanced program of study and recreational activities is available to college-bound secondary school seniors, undergraduates, graduate degree candidates, and persons interested in continuing education for personal or professional improvement. A varied selection of courses is offered by the Summer Session to those persons for whom the summer period is especially convenient for study.

Classes in the summer provide the particular advantage of optimum size for close association between student and instructor. The median class size in past summers has ranged from twelve to fifteen students.

All necessary facilities of the University are available to students registered in the Summer Session: libraries, classrooms, and laboratories; residence halls, dining rooms, and cafeterias; health services and medical care; counseling services; student union, chapel, playing fields, and a variety of recreational areas.

**EXTRAMURAL COURSES.** Through extramural registration, the University seeks to serve employed persons whose available time does not permit full-time study. Individuals are admitted to courses on the basis of their qualifications to do the work required in each specific course. Normally, an individual is not permitted to register for more than seven credit hours in a single term. The Division of Extramural Courses offers the opportunity to take credit in two different ways: (a) by registering in courses in off-campus centers located to suit the convenience of a sufficient number of extramural students to warrant the offering; and (b) by registering in the same on-campus courses that are scheduled for the regular full-time student. All such courses carry the same credit as for the full-time student.

Requests for additional information about either the Summer Session or extramural courses should be addressed to the Director, Division of Summer Session and Extramural Courses, B-20 Ives Hall.

## THE DIVISION OF UNCLASSIFIED STUDENTS

The Division of Unclassified Students is designed to assist the potentially able student whose basic interests and aptitudes lie outside the course in which he originally enrolled. Any student

who has been in residence as a candidate for a degree in any of the colleges or schools of the University may apply for admission. Only the student who has a reasonable prospect of achieving his new goal is accepted.

The Division accepts applications for either semester. The student who feels that he is misplaced or is uncertain of his objective should consult the director early in his college career.

Application should be made at the office of the Division of Unclassified Students, 158 Olin Hall, before August 1 for the fall term and before January 1 for the spring term. In addition, the student must notify the Office of the Registrar of his desire to transfer.

All students admitted remain under the direct supervision of the director who serves as their faculty adviser. An unclassified student may elect courses for which he is qualified in any division of the University, subject to the usual limitations on enrollment.

A student registered in the Division may apply for admission to any undergraduate college or school of the University.

Registration in the Division is on a semester basis. One semester is usually a sufficient period in which to determine a student's fitness for the newly chosen course. A second term of registration may be permitted in a few instances in which definite progress has been made and when more time is necessary to meet basic requirements for transfer. If at the end of two terms the student has not been accepted by another school or college on the campus, he may not reregister in the Division of Unclassified Students.

The Administrative Committee of the Division has the same authority with respect to its students as have the corresponding committees in the other divisions of the University. Students in the Division are regular students in the University; they may participate in extracurricular activities and enjoy all the usual rights and privileges of other students.

## PROGRAM ON SCIENCE, TECHNOLOGY, AND SOCIETY

The purpose of the interdisciplinary Program on Science, Technology, and Society is to stimulate teaching and research on the interaction of science and technology with contemporary society. The Program is initiating a number of research and teaching efforts and also plays a role in providing coherence and support for related activities already under way at the University.

The topics of concern to the Program are illustrated by the following examples: science, technology and national defense; world population and food resources; legal and moral implications of modern biology and medicine; national policy for the



The esplanade before the Clark Hall of Science.



development of science; sociology of science; and the ecological impact of developing technology.

The mechanisms for studying these problems will vary and will probably include courses, seminars, short workshops, and summer studies, as well as individual research programs. The Program welcomes the participation of students and faculty from all colleges and schools of the University. A list of relevant courses in all parts of the University may be obtained from the Program office on the sixth floor of Clark Hall. The telephone number is 256-3810.

## OFFICER EDUCATION

As a land-grant institution chartered under the Morrill Act of 1862, Cornell has offered instruction in military science for more than ninety years. It provides this instruction through the Reserve Officers Training Corps programs of the three military departments: the Army, the Navy, and the Air Force.

The ROTC programs offer a male student the opportunity to earn a commission while he is completing his education, thus enabling him to fulfill his military commitment as an officer and become qualified for a career in the service of his choice. To obtain a commission in one of the armed services (with the exception of the Navy) a student must complete a two-year or a four-year course of study in a ROTC program and must meet certain physical standards. Upon graduation he receives a commission and serves a required tour of active military service.

Participation in ROTC is voluntary. Interested students should preferably enroll in the fall of the freshman year, since openings in the two-year program may be restricted, depending on conditions at any particular time.

Further information is given in the *Announcement of Officer Education*, which may be obtained by writing to Cornell University Announcements, Edmund Ezra Day Hall.

## ADMISSION TO CORNELL

The first step toward entering an undergraduate college or school is to write to the University Office of Admissions, Edmund Ezra Day Hall, for an application form. Correspondence regarding entrance to the Graduate School, the Law School, the Medical College, the School of Nursing, the Graduate School of Nutrition, the Graduate School of Business and Public Administration, and the Graduate School of Aerospace Engineering should be addressed to the heads of those divisions.

## GENERAL ADMISSION POLICY

Of Cornell University's fifteen colleges and schools, eight offer instruction at the undergraduate level. They are: Agriculture; Architecture, Art, and Planning; Arts and Sciences; Engineering; Hotel Administration; Human Ecology; Industrial and Labor Relations; and Veterinary. Each of these divisions is limited in the number of students it can accommodate. The number of applicants with minimum qualifications exceeds the number that can be admitted, and that creates a highly competitive situation among candidates. Selected each year are those who, in competition with others seeking admission at the same time, have best demonstrated by their superior qualifications that they deserve acceptance. It should be clearly understood that each candidate competes only with those seeking entrance to the same division of the University, and that the professional divisions in particular must restrict their selections to those who, having met all other qualifications, appear well fitted for the particular field of work to which the course of study is directed.

*Transfer from one division to another after enrollment may be difficult for two reasons: (1) different divisions have different admission requirements, and a student acceptable to one is not necessarily acceptable to another; and (2) the total enrollment in any one division is limited. Transfer into the College of Arts and Sciences is especially affected by these restrictions and may not be accomplished until one year after matriculation. The selection of the proper college course is therefore most important. A candidate should make his choice only after careful thought, investigation, and consultation with those familiar with his abilities and interests. Secondary school advisers should definitely be consulted. The Cornell Office of Admissions, also, is always ready to help prospective applicants.*

It is the policy of Cornell University actively to support the American ideal of equality of opportunity for all, and no student shall be denied admission or be otherwise discriminated against because of race, color, creed, religion, or national origin.

## Scholarship

As an educational institution, Cornell University is devoted primarily to the intellectual development of its student body. Those selected for admission must have demonstrated, without question, through their previous schooling, the intellectual capacity to carry the classroom work and to profit from the instruction offered in the division of the University to which application is made. Intellectual preparedness for study at Cornell is judged by the

candidate's secondary school record, the recommendations of school authorities, and the tests of the College Entrance Examination Board.

### Extracurricular Activities

To supplement but not replace the basic requirement of demonstrated intellectual capability, evidence of the candidate's ability to make effective use of his free time is an important consideration in admissions decisions. This factor is judged by the character and quality of the student's participation in the extracurricular activities associated with his school and his community, and by the use he has made of summer vacations. Work experience which is related to the candidate's educational objective is particularly valuable.

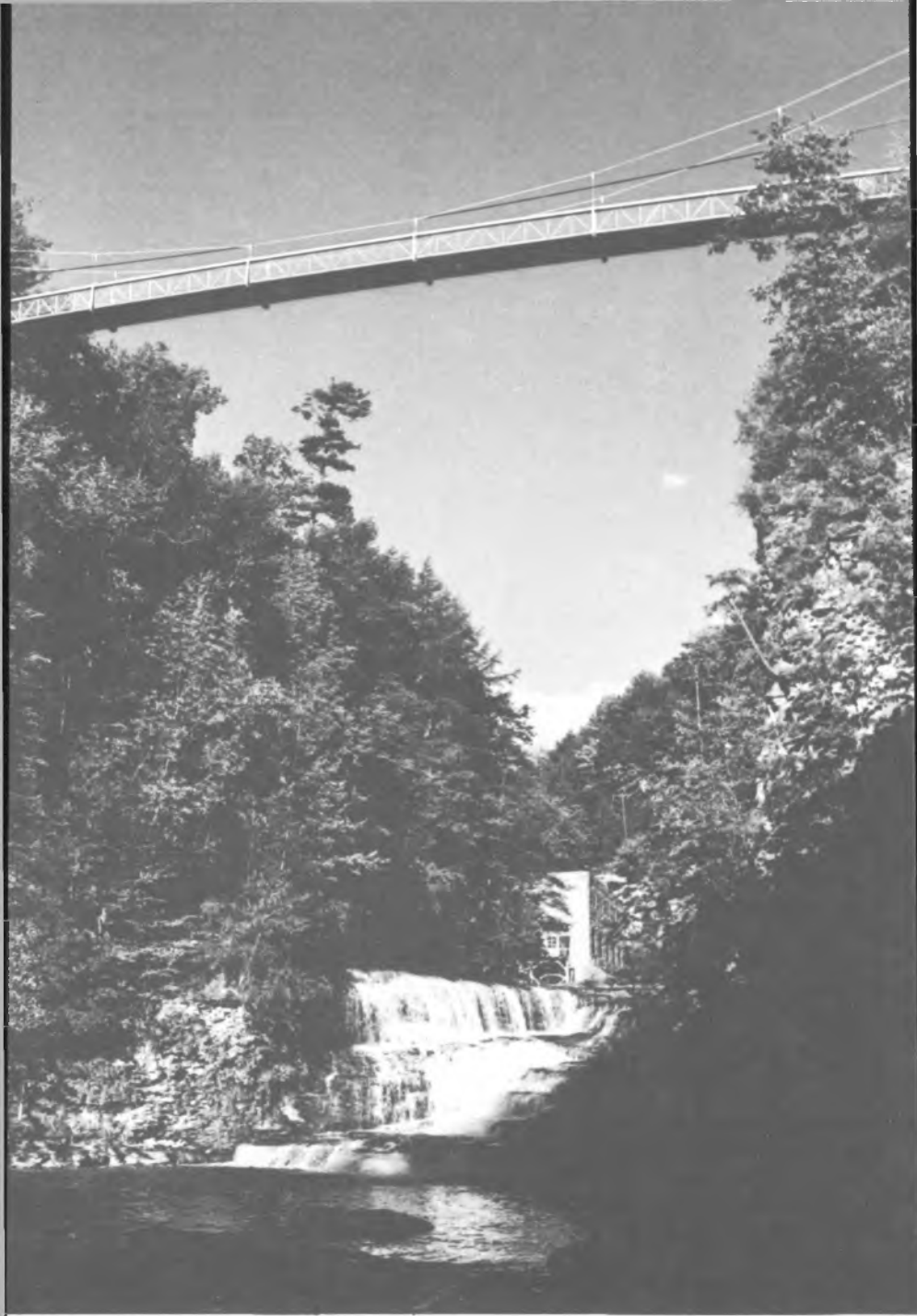
### Character, Personality, and Motivation

The intangible but important factors which form good character and an effective personality all receive full consideration by the selection committee. Evidence of a sound motivation for attaining higher education in general and for pursuing a specific field of education is also desirable. Capacity for leadership and concern for others receive due weight. Those factors are usually judged by the report from the applicant's secondary school and by interview reports, when available. Some University divisions require interviews, whereas in others the need for an interview is left up to the applicant. Interviews are also conducted by alumni secondary school committees, operating in many sections of the country; such contacts are often helpful in providing the candidate with additional information about Cornell.

### Geographical Distribution

Cornell University draws its students from all parts of the United States and more than eighty-five foreign countries. The University is proud of the cosmopolitan and democratic makeup of its student body, believes in the educational values inherent in bringing to the campus persons of widely different backgrounds, and directs its admissions policies to the furtherance of these objectives.

The New York State-supported divisions—the College of Agriculture, the College of Human Ecology, the School of Industrial and Labor Relations, and the Veterinary College—recognize these same values within their student bodies and encourage applications from well qualified out-of-state students. The bulk of their



The suspension bridge and Fall Creek Gorge  
at the northern edge of the campus.

candidates are, however, selected from among applicants resident in New York State.

The endowed divisions—the Colleges of Arts and Sciences; Architecture, Art, and Planning; Engineering; and the School of Hotel Administration—impose no restrictions as to residence. In choosing from among candidates of approximately equal qualifications, some preference may be given to those whose homes are in areas not adequately represented in the student body.

## Children of Alumni

The University desires to include in the student body the children of its alumni who are qualified for admission. In choosing between candidates of approximately equal qualifications, including scholarship, extracurricular activities, character, personality, and motivation, as described above, the son or daughter of an alumnus may receive preference.

## ADMISSION PROCEDURE

### Admission and Financial Aid Applications

The Cornell admission application form furnishes the University with a wide variety of information concerning the candidate, including his academic record and achievements, family background, work experience, and activities. It also includes a special form for those who wish to apply for financial aid. Following submission of his application, the candidate receives from the University an additional form, known as the Secondary School Report, which should be taken to the proper school authorities for completion. That official report, relating to the candidate's intellectual ability, character, and academic record, will be submitted directly to Cornell by the school.

### General Requirements

A candidate for admission as freshman must satisfactorily complete secondary school subjects carrying a value of at least sixteen entrance units, except that those applying to the College of Human Ecology are required to have eighteen units. The subjects in which these units may be offered, the number of units that may be credited in each subject, and the units required in specific subjects by the several divisions of the University are listed in detail on pp. 39–44. Those pages should be carefully studied by every prospective student.

To enter Cornell, a student must be at least sixteen years old

and have a satisfactory knowledge of the subjects required for admission. That knowledge may be demonstrated in two ways: by presenting an acceptable school record, and by presenting acceptable ratings in tests given by the College Entrance Examination Board as specified in consultation with the Cornell Office of Admissions.

### Application Due Dates For Freshman Applicants

Applications for admission and financial aid in September 1971 should be submitted by January 1, 1971, if at all possible. Assembling complete records for all candidates takes considerable time, and the careful review of applications is a long, detailed process. This January 1 date has been set to provide adequate time to process and review applications. (See also the section Financial Aid, pp. 48-49.)

Some prospective students, however, may not find it possible to have their applications on file by January 1, as recommended above. Hence some leeway has been provided in the schedule as follows:

**ARCHITECTURE, ART, AND PLANNING; ARTS AND SCIENCES:** January 15 is the final due date, after which no further applications can be considered.

**INDUSTRIAL AND LABOR RELATIONS:** February 1 is the final due date, after which no further applications can be considered.

**ENGINEERING, HUMAN ECOLOGY, HOTEL ADMINISTRATION, AND VETERINARY:** February 15 is the final due date, after which no further applications can be considered.

**AGRICULTURE:** February 15 is the due date after which no further applications can be considered except as noted below.<sup>1</sup>

### Early Decision

All divisions of Cornell that admit students directly after their high school graduation (except the College of Architecture, Art, and Planning; the College of Human Ecology; and the School of Industrial and Labor Relations) offer an Early Decision Plan to a limited number of highly qualified high school seniors. (The Plan

1. Late applications will be accepted for this division if places in the class remain to be filled, and if requests for such applications are approved by the College of Agriculture. A student who wishes a late application should explain in a letter why the request is being made late. Such letters should be addressed to Professor L. H. Harden, 195 Roberts Hall.

is now open to both men and women.) Under the Plan, these students submit their applications to Cornell by November 1 of their senior year, and they are notified of the University's decision, including financial aid, by December 1. Only those students whose choice of college is clearly Cornell, and whose past academic performance, scores on the junior-year Scholastic Aptitude Test of the College Entrance Examination Board, personal qualities, and school recommendations are all superior are likely to qualify for favorable consideration. All qualified candidates should write to the University Office of Admissions for additional information about this program.

## Early Admission

Each year a few students request consideration for admission after only three years of secondary school. Some of these students receive a high school diploma by completing all requirements in three years; others leave school lacking one or a few credits. Admissions Committees will give serious consideration to those applicants who have exhausted the offerings of their secondary schools and who, in addition, give a clear indication of a level of maturity sufficient to make early college entrance desirable and appropriate. Those students who have the opportunity to take advanced, accelerated, or college-level courses during their fourth year in secondary school are usually encouraged to do so unless this action would inhibit the development of some academic strength.

Since there is variation from one Cornell division to another regarding early admission, students applying for this are encouraged to write to the college of their choice at Cornell or to make an appointment for an on-campus interview to discuss their plans and reasons for entering early.

## Interviews

Admissions interviews are *required* by four divisions of the University—the College of Architecture, Art, and Planning; the School of Hotel Administration; the School of Industrial and Labor Relations; and the Veterinary College. Students should consult the *Announcements* of these divisions *before* requesting admissions interviews.

Students interested in the Colleges of Agriculture, Engineering, and Human Ecology may request interviews weekdays from 10:10 A.M. to 12:00 NOON and 2:00 P.M. to 4:00 P.M. on a year-round basis (except holidays). The College of Engineering urges students to visit the campus for an interview if possible.

Interviews for the College of Arts and Sciences may be scheduled on weekdays from 9:00 A.M. to 12:00 NOON and 1:30 P.M. to 4:00 P.M. On-campus interviews cannot be scheduled from February 1 through March 31. Students who wish to see a faculty member in a particular field may request this in advance.

Saturday interviews are available for the College of Arts and Sciences and the College of Engineering from 9:00 A.M. to 12:00 NOON and for the College of Agriculture from 10:00 A.M. to 12:00 NOON. During July and August, Saturday interviews are not available for any of these divisions or for the College of Human Ecology.

Those planning to come to the campus for interviews are requested to write to the Appointment Secretary, Admissions Office, 247 Day Hall, *being sure to specify the college of their interest and the preferred date and time of their visit.* To facilitate scheduling, requests must be made *at least two weeks* prior to the intended visit.

## Selection Process and Notification

Admission to each separate division of Cornell University is based on a careful review of all credentials presented on behalf of a candidate and is on a competitive basis. A committee in the school or college to which the candidate has applied selects those it considers best qualified from among all who have applied for that division.

Four divisions of the University—the Colleges of Agriculture and Engineering, the School of Hotel Administration, and the Veterinary College—follow a policy of “rolling admissions.” Decisions are reported to applicants over a period of time, with some letters going out as early as February 1, but the great bulk of them during March and the first half of April. The selection committee in each of these divisions will have a large number of applications to review, and the fact that some applicants will hear from Cornell considerably later than others is likely to mean simply that consideration of their applications has been delayed by the time-consuming nature of the process. In short, one should not infer that relatively late notification has anything to do with how Cornell regards the quality of the applicant.

Applicants for the Colleges of Architecture, Art, and Planning; Arts and Sciences; Human Ecology; and the School of Industrial and Labor Relations are all advised of the outcome at the same time. Notices are mailed about mid-April.

Most financial aid notification announcements are also mailed about mid-April to candidates for all divisions.



Every candidate for admission to an undergraduate course who receives notice of approval of his application must pay a registration fee (see the section Other Fees and Deposits, pp. 69-70). Each such candidate will be advised of the due date of this fee at the time an approval notice is sent to him. The registration fee covers matriculation charges and certain graduation expenses, and establishes a fund for undergraduate and alumni class activities.

If a candidate withdraws before the due date of his registration fee, the fee will be refunded. No refund will be made to an applicant who withdraws after the due date of the fee; in such case the whole fee will be retained by the University in payment of its costs and intangible losses resulting from the withdrawal.

## SUBJECT AND TEST REQUIREMENTS

### Agriculture, B.S., four years

Sixteen units representing completion of a secondary school course which must include English, four units, and college preparatory mathematics, three units, are required. It is strongly recommended that high school students carry enough courses to offer eighteen entrance units and that these include biology, chemistry, and physics.

The Scholastic Aptitude Test of the College Entrance Examination Board is also required. Applicants are encouraged to complete College Board Achievement Tests in two of the following: English composition, mathematics, science.

A special one-year course is also available in the College. For details consult the *Announcement of the New York State College of Agriculture*.

### Agricultural Engineering, B.S.

Applicants for this professional engineering program must satisfy the entrance requirements of both the College of Agriculture (above) and the College of Engineering (p. 43). For the first three years the student is registered in the College of Agriculture and for the fourth year in the College of Engineering. The student seeking the degree Master of Engineering (Agricultural) will also enroll for the fifth year in the College of Engineering.

### Architecture, Art, and Planning, B.Arch., five years; B.F.A., four years

All candidates for admission to the Departments of Architecture

and Art must take the Scholastic Aptitude Test of the College Entrance Examination Board.

Three years of a foreign language, ancient or modern, are required for entrance. Candidates who have fewer than three years of preparation in a foreign language, but who make satisfactory scores on the Achievement Test, will meet the requirement. When the required language credit is not offered for admission, a letter of explanation of this deficiency must be sent to the Committee on Admissions for its consideration. If the applicant is admitted, the language requirement must be satisfied before graduation. If an applicant plans to continue, in college, the study of a language he has already begun, the College advises him to take the College Entrance Examination Board Achievement Test in that language, for placement in the proper course. Three college credits in a language are considered, for the purpose of making up the entrance requirement while in college, to be equivalent to one year of high school language credit.

Candidates for admission to the Department of Architecture must demonstrate satisfactory knowledge of these subjects:

**ARCHITECTURE (B.ARCH.).** Sixteen units including English, four; mathematics, four; foreign language, three (see above) are required.

Mathematics must include intermediate algebra, plane geometry, and trigonometry, taken either as separate courses or included within comprehensive mathematics courses.

An acceptable course in physics, taken either in secondary school or in college, is required for graduation.

The program in architecture is purely professional in objective. Only those who are seriously interested in careers in architecture should make application for admission. Every candidate for admission is advised to read professional literature, visit professional offices, talk with students of architecture or recent graduates, and otherwise inform himself about the field. It is usually wise to resolve serious doubts in favor of starting with a program of general education.

**ART (B.F.A.).** Sixteen units including English, four; college preparatory mathematics, two; foreign language, three (see above) are required. Remaining units should, in the main, consist of science and social studies (including history).

The program in art is preprofessional in objective. Those who are seriously interested in careers in painting, sculpture, or the graphic arts, are the most logical candidates. Every candidate for admission is advised, where possible, to read literature of a critical and art-historical nature, to visit museums and galleries, and to

otherwise inform himself about the field of art. Art work done by the applicant, or slides thereof, should be presented at the time of the interview. Examples of class assignments, or independent work, or both, are acceptable.

### Arts and Sciences, A.B., four years

An applicant must have completed a secondary school course giving satisfactory preparation for the work of the College. Sixteen units of entrance credit are required: four years of English; three years of college-preparatory mathematics;<sup>2</sup> and three years of one foreign language, ancient or modern. (Foreign language preparation is particularly important in this College. Although a student who can offer only two years or less of a foreign language, but who has a school record of otherwise high quality, should not hesitate to apply, he should attach a letter to his application form explaining his deficiency.) The remaining units should be chosen from laboratory science, social studies, and further work in mathematics and foreign language. Whenever possible, these sixteen units should be supplemented by courses in similar academic subjects. Exceptions to these requirements may be granted when the applicant's record is unusually promising. For example, students whose interests and academic and extracurricular achievements are in the fields of the creative and performing arts should not hesitate to apply because they have not taken a standard academic curriculum. Demonstrated unusual strengths in one area may offset weaknesses in another.

Each candidate for freshman admission is required to take the College Board Scholastic Aptitude Test and either the College Board Achievement Test in English composition or the College Board Literature Test no later than the January test date during his senior year.

Although *not required for admissions consideration* a College Board Achievement Test should be taken, prior to entering Cornell, in any language which the student has had in high school and expects to continue at Cornell. Because such a language test score is needed for *placement in language courses*, the test should be taken late in the senior year—in March, May, or even July.

The College of Arts and Sciences has a substantial language requirement for its degree. If a student will be entering with two or more years of some language which he wishes to use toward fulfilling this requirement, he should also take the Achievement Test

2. The increasing need for mathematics in the social, biological, and physical sciences makes it desirable for students interested in those areas to be prepared to take a calculus course upon entering the College; such students should have studied advanced algebra and trigonometry during their secondary school years.



Working on a still life in a painting class.

in that language even though he does not plan to continue it in college. This score will determine whether in the tested language he has met part of the requirement for graduation. (See the *Announcement of the College of Arts and Sciences* for further details.)

## Engineering

A two-year Basic Program is followed by two years leading to a Bachelor of Science degree. Most students proceed to some type of graduate study. The most popular is the one-year program leading to the professional Master's degree in an appropriate field. Other choices include Master of Science or Doctor of Philosophy degrees for those interested in research and teaching, or other professional schools including law, business administration, and medicine.

Sixteen units are required at the secondary school level including English, four units; one foreign language, two units; history, two units; elementary and intermediate algebra, two units; plane geometry, one unit; trigonometry, one-half unit; either advanced algebra, one-half unit, or solid geometry, one-half unit; chemistry, one unit; and physics, one unit. It is recommended that the candidate offer advanced algebra, if possible, and that at least three of the elective units offered be in further study in language or history. The mathematics units listed above may be taken as separate courses or may be included in four units of comprehensive college preparatory mathematics. The Scholastic Aptitude Test of the College Entrance Examination Board is required.

All candidates must take, no later than January of the senior year, College Entrance Examination Board Achievement Test in mathematics (either Level I or Level II), and in chemistry or physics. The Achievement Test in physics or chemistry is best taken at the end of the junior year. However, many students take this test in December or January of the senior year when they have had only one-half year of the subject or have not taken the subject since the junior year. *An applicant should not delay his achievement tests—chemistry, physics, or mathematics—beyond the January testing date because of this circumstance.* Results are evaluated on the basis of the amount of work experienced, and no absolute passing grade is used. Applicants seeking advanced placement for college credit should take the College Board Advanced Placement Examination in mathematics in May of the senior year.

## Human Ecology, B.S., four years

Applicants must offer eighteen college entrance units; at least sixteen of these units must be in academic areas including English,

foreign language, history or social studies, mathematics, and science. In fulfilling the sixteen academic units, a student must include four units of English, one unit of biology, three units of mathematics, and one unit of either chemistry or physics. The remaining two units of the required eighteen may be in any subject in which the high school gives credit.

The Scholastic Aptitude Test (SAT) of the College Entrance Examination Board is required. Achievement Tests of the College Entrance Examination Board are not required, but if achievement test scores are received, they are taken into account by the selection committee.

### Hotel Administration, B.S., four years

Sixteen units are required. These must include English, four units; mathematics, three units; and science, one unit (chemistry required). The remaining units should include additional mathematics and sciences, social sciences, and a foreign language. The Scholastic Aptitude Test of the College Entrance Examination Board is required of all students whose native tongue is English; students whose native tongue is not English are not required to take the examinations unless they are applying for financial aid.

### Industrial and Labor Relations, B.S., four years

Sixteen units, including four units of English are required. The remaining twelve units should consist of college preparatory courses such as foreign language (ancient or modern), history, mathematics, science, and social studies. The Scholastic Aptitude Test of the College Entrance Examination Board is required. Candidates are also required to present results of College Board Achievement Tests in English composition and in mathematics (Level I or Level II). In addition, each applicant is required to submit with his application a 500-word statement (preferably typewritten), indicating the basis for his interest in the field of industrial and labor relations.

### Veterinary Medicine, D.V.M., four years

Satisfactory completion of at least two years of study in an approved college or university is required for entrance. The prerequisites for admission must include English, six hours; physics, six hours; biology or zoology, six hours; and chemistry, twelve hours, including organic chemistry with laboratory. The Veterinary Aptitude Test is required. Candidates are also required to fulfill the Animal Practice Requirement.

## ENTRANCE UNIT CREDIT

In the section Subject and Test Requirements, on p. 39 the number of entrance units for each Cornell division is prescribed, with some subjects either recommended or definitely required. To be eligible for consideration by the selection committee, a candidate must demonstrate satisfactory knowledge of the subjects required; the secondary school record is usually the principal factor in determining this eligibility.

Entrance unit credit will normally be granted only in those subjects in which the candidate attains the college recommending mark of the secondary school, except in a sequence course such as English or a language, in which case credit for the full sequence will depend upon attaining the college recommending mark of the school in the final year of the sequence.

## NEW YORK STATE REGENTS EXAMINATIONS

The Regents Examinations, prepared by the New York State Education Department, are not required by any division of the University. They are particularly desired, however, of applicants from New York State who are candidates for admission to the College of Agriculture or the School of Industrial and Labor Relations, and they are useful in the evaluation of candidates for the other divisions as well.

## ADVANCED PLACEMENT FOR ENTERING FRESHMEN

Prospective entering freshmen who have taken college-level courses in secondary school have the opportunity to qualify for advanced placement (and often for advanced standing credit) in these areas of study: biological sciences, chemistry, English, history, Latin, literature, mathematics, modern foreign languages, music, and physics.

In general those who wish to be considered for advanced placement or credit should plan to take the appropriate Advanced Placement Examination(s) of the College Entrance Examination Board in May. Some of the departments listed above offer their own examinations at entrance, however, as an alternative or supplementary method of seeking advanced placement or credit.

Details about this program are contained in the *Announcement of the College of Arts and Sciences* (1970-71).

## COLLEGE ENTRANCE EXAMINATION BOARD TESTS

College Board test requirements are listed specifically for freshman candidates in the section Subject and Test Requirements, pp. 39-44.



Cornell's hockey team defeated Clarkson to win national championship at Lake Placid.



Candidates are urged to take the College Board tests in December, but no later than January in any case, for fall entrance. They should request the College Entrance Examination Board to send their test scores to Cornell University.

Candidates may make application for these tests either through their schools or by writing directly to the College Entrance Examination Board at Box 592, Princeton, New Jersey 08540, or Box 1025, Berkeley, California 94701.

## ADMISSION OF TRANSFER STUDENTS

A student who has attended another college or university and wishes to transfer to an undergraduate course at Cornell uses the same application form as a prospective entering freshman; the same application due dates stated on p. 36 are applicable for entrance in the fall term with the exception of the Colleges of Agriculture and Engineering and the School of Industrial and Labor Relations, which will accept transfer applications until April 15. While all divisions of the University accept a limited number of transfers for the fall term, Agriculture, Engineering, Human Ecology, Hotel Administration, and Industrial and Labor Relations consider applications also for the spring term. For entrance in the spring term, an application should be filed during October or November with a deadline date of December 1, with the exception of Human Ecology for which the deadline date is November 1.

Each applicant will be asked to furnish secondary school academic credentials on a standard secondary school report form, which will be sent to the applicant for transmittal to his high school as soon as the formal application for admission has been received by the Office of Admissions.

Transfer applicants should also be prepared to furnish transcripts of all work completed at the college level. For students wishing to be admitted in *September*, the transcript should include work taken the prior fall term plus a listing of courses being taken during the spring term. For students wishing to be admitted in *January (spring term)*, the transcript should include work taken through and including the previous summer, plus a listing of courses being taken during the fall term.

An admitted transfer student will be required to submit a transcript of *all* college work completed prior to entrance.

When a transfer candidate submits an application, he will receive a leaflet entitled *Transfer to Cornell University*, which contains complete instructions including College Entrance Examination Board test requirements. If time allows, however, the prospective transfer candidate is urged to write to the Office of

Admissions for this leaflet *before submitting his application* so that he will be aware of College Board test requirements for the program of his choice.

Although students from community college and other two-year college programs may apply to any division of the University, the Colleges of Agriculture, Engineering, and Human Ecology, and the School of Industrial and Labor Relations particularly encourage applicants from these programs. Students should write to the chairmen of the admissions committees of these divisions for information pertaining to admissions procedures, financial aid, and advanced standing.

Because of the limited number of openings available, few students can be accepted for transfer admission in the College of Arts and Sciences. Consequently, serious consideration can be given only to the applications of students of exceptional promise. High scholarship, superior personal qualifications, and impelling reasons for transferring will weigh heavily in the selection. Candidates for sophomore standing should have taken freshman programs consisting of courses similar to those in the College of Arts and Sciences and permitting easy integration with the undergraduate curriculum. Candidates for junior standing will be expected to have fulfilled most of the language and Distribution requirements of the College and to have met the prerequisites of the intended major.

Each college admits a limited number of special or nondegree students. For information, refer to the *Announcements* of the individual colleges.

## FINANCIAL AID

Most students plan to finance their education through a combination of savings, help from home, and summer earnings. The section on expenses (pp. 68-73) should be examined carefully. An entering freshman who needs supplementary funds should have clearly in mind the additional amount needed in his particular case. Financial aid opportunities in the form of scholarships, long-term student loans, and term-time employment are available.

Academic ability as indicated by the candidate's secondary school credentials, and by test scores of the College Entrance Examination Board, is of primary importance in the selection of financial aid winners. In many cases, extracurricular achievement and promise of leadership are important. Although recipients of financial aid are selected on those criteria, the *total amount awarded* is based on remaining need once an appropriate expectation from student, family, and other resources has been deducted from the student's anticipated budget.

A typical award involves part scholarship plus loan and/or job help. The trend is toward such package awards, although candidates with exceptionally strong qualifications are likely to have most of their need met by scholarship alone. Similarly, those who do not qualify for scholarship aid may be offered loans or job help only.

Scholarships offered to freshmen vary in value, depending on the winners' need and promise. University loans are limited to \$1,300 a year, National Defense Student loans are limited to \$1,000 per academic year, and job opportunities vary in value from \$300 to \$600 a year. Virtually all awards may be held for the normal period of years required for an undergraduate degree, with continued financial need and satisfactory academic progress.

In addition, a limited number of undergraduate scholarships and grants-in-aid are awarded to students with need who have completed their freshman year. In general, students who rank in the top quarter of the class are eligible.

New York State candidates interested in the New York State Regents scholarship program should apply to local school authorities or to the Commissioner of Education, Albany, New York 12201, for details. Winners are not exempt from any of the rules governing admission to the University; they should therefore apply for admission at the normal time and should be prepared to satisfy the regular entrance requirements.

**APPLICATIONS FOR FINANCIAL AID.** A financial aid application is attached to each application for admission. It is to be completed (and left attached) by each candidate who wishes to be considered for financial assistance (scholarships, loans, jobs). In addition, a College Scholarship Service Parents' Confidential Statement (forms obtainable from secondary schools) should reach Cornell at about the same time as the application for admission and the application for financial aid. *If a candidate applies for financial aid after January 15, he will be at a serious disadvantage because of the nature of the financial aid selection process.*

## RESIDENCE HALLS, DINING FACILITIES, AND OFF-CAMPUS HOUSING

### RESIDENCE HALLS

#### Undergraduate Men and Women

The University provides a variety of residence halls accommodating approximately 4,300 students. These halls are located on both the North Campus and the West Campus, areas so designated because of their geographical relationship to the Fall Creek gorge.

The West Campus is situated west of Willard Straight Hall, about a five minute walk down the hill from the heart of the campus. The buildings lie on a fifteen-acre plot overlooking Cayuga Lake to the north and the valley to the south.

The Baker complex, English collegiate Gothic in design, accommodates about 555 students. Within this complex freshmen and upperclassmen will be housed in Mennen, Lyon, and McFaddin Halls. The remainder of the complex, Boldt Tower, Boldt Hall, Baker Tower, North Baker Hall, South Baker Hall, and Founders Hall will house freshmen and upperclass women.

University Halls is composed of six separate units, each housing about 225 freshman men. Completed in 1954, each unit contains a lounge for study located on every floor and separate social lounges for recreation.

The Agnes and Jansen Noyes Student Center is located between two of the University Halls units. Serving as a focal point of activity for residents of the area, this building, completed in 1968, provides dining services, lounges, recreational facilities, study areas, and meeting, typing, and music rooms.

On the North Campus, the buildings, which accommodate about 2,400 men and women, are a blend of the old and the new.

The oldest, Prudence Risley Hall, was completed in 1913. With a capacity of about 192 students, it will serve as the site for a residential college housing upperclass undergraduates who have a special interest in the creative and performing arts.

Located across the street from Risley Hall are the Balch Halls which were opened in 1929. These four connecting halls accommodate 355 women. The structure with its featured archway is built of native stone in the English collegiate Gothic style.

Clara Dickson Hall, completed in 1946, accommodates 450 students. Consisting of two main divisions, Unit V will house upperclass and freshman women and Unit VI will house upperclass and freshman men.

Mary Donlon Hall, completed in 1961, was named for the Honorable Mary H. Donlon, graduate of the Cornell Law School, former judge of the United States Customs Court in New York City, and a trustee emeritus of the Cornell University Board of Trustees. Originally a residence for 475 women, it will house upperclass and freshman men for the coming academic year.

Comstock Hall, located across the street from Risley, is composed of two small units, each housing about forty upperclass students. Rooms are arranged in suites for three or four students.

The North Campus Student Residences, a group of new halls, will be nearing completion by September 1970. Located north and east of Mary Donlan Hall, the complex will include five low-rise houses which together will house 720 upperclass men and women

students. The buildings are physically divided into primary units, with each unit composed of six suites plus a small kitchenette, a living room, and a group study room. Each suite accommodates six persons in two doubles and two singles; a bathroom, telephone alcove, and storage closet are also a part of each suite.

In addition to the commons areas in each unit, the center core of the house contains a lounge with a fireplace, laundry facilities, typing room, and an apartment for a resident couple.

Still under construction are two high-rise buildings with a total capacity of 360 students, and the North Campus Student Center which will contain a branch library, dining services, recreational facilities, a craft room, a branch of the Campus Store, mail distribution center, television rooms, and lounge areas.

In addition to the larger halls there are five small units located in the North Campus area which provide an opportunity for cooperative living arrangements. About 100 upperclass women can be housed in these units.

During their first year, all freshman men and women must live in University residence halls. Present indications are that, effective in the fall of 1971, all sophomore students may also be required to live in University housing facilities, which will include cooperatives, associations, fraternities, and sororities, as authorized by the University. Beyond the freshman or sophomore year, as the case may be, students are free to choose between privately owned off-campus housing or University residences.

Students transferring from other colleges or universities are not subject to a residence requirement unless they are classified as sophomores in September 1971.

Freshmen who are married, who are twenty-one years of age, or who reside with their parents within commuting distance of the campus may request exemption from the residence requirement by writing to the Office of the Dean of Students, Cornell University, Ithaca, New York 14850. Requests for exemption on the basis of other special circumstances should also be made in writing to that Office.

Application forms for University residence halls will be mailed automatically by the Office of Admissions to each candidate for admission as a freshman or transfer student at the time of notification of provisional acceptance to the University.

## DINING FACILITIES

Cornell has no formal dining requirements for its students; they may eat where, when, and what they choose whether or not they live in University residence halls. The University maintains a



Cornell Glee Club in spring performance.

number of public dining units in various convenient places on the campus.

Optional dining plans are offered for students who may wish to prepay some of their board costs rather than paying cash for each meal. The plans are designed with flexibility, taking into account students' habits and schedules as well as convenience and economics. Details of dining arrangements are described in *A Guide to Student Dining*, which will be mailed with room assignments.

### Graduate Students

The University has two residence halls for graduate students. The Sage Graduate Center accommodates 190 men and women; Cascadilla Hall houses 155 men and women. The dining service in the Sage Graduate Center is available to all graduate students and faculty. Graduate students who wish to apply for housing should write to the Department of Housing and Dining Services, 223 Edmund Ezra Day Hall, when their plans to enter the University are complete.

### Law Students

In September 1963, the Charles Evans Hughes Law Residence Center was opened. Connected to Myron Taylor Hall, which houses the Law School, the Center has facilities for about 118 single, male law students, and it also has a dining room. Matriculating law students will receive an application form with their acceptance letter from the Law School.

### Married Students

Unfurnished apartments for 420 married students and their families are provided by Cornell in the Cornell Quarters (81 apartments), Pleasant Grove (94 apartments), and Hasbrouck (245 apartments).

### OFF-CAMPUS HOUSING

Information on housing that is currently available may be obtained at the Off-Campus Housing Office in 223 Edmund Ezra Day Hall. Because changes of available accommodations occur daily, it is not practical to prepare lists. If possible, a student should make at least one trip to Ithaca to look over the available apartments and houses before he plans to take up residence.

DETAILED INFORMATION on all types of housing for students may be obtained by writing to the Department of Housing and Dining Services, Edmund Ezra Day Hall.

## OFFICE OF THE DEAN OF STUDENTS

The University, through the Office of the Dean of Students, maintains a staff of counselors and advisers who are available at all times to assist students in both individual and group activities. This staff is prepared to help students with the routine problems that arise in the normal course of campus life and also with more personal individual problems. Referrals may be made to the other professionally trained members of the University and college staffs who are best qualified to be of specialized assistance for particular problems. Responsible adult and student resident advisers who live in the various residence halls and small housing units as members of the staff of the Office of the Dean of Students are also readily available to assist students.

The Office's staff is closely associated, in an advisory capacity, with student government organizations, fraternities, sororities, and many extracurricular activity groups. Assistance in planning the orientation of new students to campus life—academically, socially, and in the realm of extracurricular activities—is an important concern of the Office's staff.

Staff members of the several colleges within the University also give special attention to the orientation of their students and provide counselors and advisers to assist their students in all matters connected with courses of study and academic pursuits.

## SPECIALIZED STUDENT SERVICES

Career, summer plans, and placement center, p. 55.

Educational and vocational guidance, see below.

Financial aid (term-time employment, scholarships, loans), p. 48.

Health services (medical, mental health, insurance), p. 62.

Libraries, p. 56.

Reading-study center, p. 55.

Religious affairs, p. 56.

Residence halls, dining facilities, off-campus housing, p. 49.

Student unions, p. 60.

## EDUCATIONAL AND VOCATIONAL GUIDANCE

Educational and vocational counseling begins in the separate colleges and schools. Each undergraduate is assigned a faculty



adviser who will help him in the selection of courses which will give him the best preparation in his chosen field.

Students desiring assistance in the diagnosis of academic problems, selection of a curriculum, or determination of vocational goals may also be referred to the University Guidance and Testing Center, 375 Olin Hall, for an intensive program of testing and counseling.

## READING-STUDY CENTER

The Reading-Study Center offers all students the opportunity to acquire and to improve the reading and study skills that are essential for academic success. Each semester, numerous sections of three- and seven-week noncredit courses in reading and study skills are offered. The staff of the Center also assists individual students with their specific academic problems.

The content of the lectures includes the following general areas: organization and effective use of time, reading textbooks and supplementary materials with efficiency and with improved comprehension, making notations and taking notes on reading assignments, recording and remembering lecture notes, preparing for and taking examinations, and improving the research skills required for papers and reports.

Instruction in the techniques of speed reading is also offered at the Center. Although this skill has extremely limited application when reading academic assignments, some students may wish to acquire it for the reading of newspapers, magazines, and light fiction.

## CAREER, SUMMER PLANS, AND PLACEMENT CENTER

The Career, Summer Plans, and Placement Center, 14 East Avenue, serves as an information center for careers, employment opportunities, teacher placement and fellowships, as well as summer opportunities which include work, study, travel, and service projects. This office serves as a clearing house for jobs in business, industry, and teaching. Applications for the Graduate Record Examination, law and business board examinations, among others, are on file here. Recruiters from graduate schools and employing organizations visit the campus every year, and arrangements are made through the Career Center. The students and faculty may keep up-to-date on the Center's activities by registering to receive a monthly newsletter of the Center's activities. The Center also operates an alumni placement service.

## FOREIGN STUDENTS

The University maintains an International Student Office, and foreign students are invited to write to that Office for any information they may need, or to consult the staff about any problems they may have.

Foreign students are requested to report to the International Student Office, 142 Edmund Ezra Day Hall, when they arrive at Cornell.

## RELIGIOUS AFFAIRS

Although Cornell is a nonsectarian institution, religious affairs assume a large and important place on the campus. Cornell United Religious Work, the University's division of religious affairs, makes ample provision for fostering the religious life of students in a manner consistent with Cornell's historic principle of freedom for all religious traditions but control by no single group. Anabel Taylor Hall, Cornell's spacious center for religious activities, is widely known throughout the country. Cornell United Religious Work is staffed by ten University chaplains representing major faiths at Cornell, and by a director and his associates, all of whom counsel, teach, and serve students. CURW combines the concerns of those affiliated with the religious groups and also of those others who wish to increase their self-understanding and to serve the campus and the community without formal membership in any established group.

Within CURW there is opportunity for worship, study and service: *worship*, through Sunday morning nondenominational services in Cornell's Sage Chapel at which distinguished clergymen from various religious groups preach, and through the denominational services held in Anabel Taylor Hall and in churches in the Ithaca area; *study*, through noncredit courses in religion, special lectures, seminars, and discussion groups; *service*, through many programs enabling students to do significant volunteer work in social agencies of the local community and beyond.

## UNIVERSITY LIBRARIES

The libraries on the Cornell campus are many and varied. They contain more than 3½ million books and provide up-to-date facilities for research and study in countless fields.

The central library, at the south end of the Arts Quadrangle, is comprised of two parts. Uris Library, the building with the tower

that has become the symbol of Cornell, contains books and periodical collections planned essentially for undergraduates in the liberal arts. A principal aim of the library is to bring students and books as close together as possible. Bookstacks are open to all readers, with only reserve books in heavy demand held in a special category. There are rooms where students, singly and in groups, may use phonographs and tape recording apparatus, and there is a lecture room with sound and projection facilities.

Across the walk from Uris is the John M. Olin Library, devoted more specifically to graduate and faculty scholarship. This closed-stack library houses many special collections of books and manuscripts, among them Rare Books, a collection on the Far East, and another on the history of science, the University Archives, maps, and newspapers.

The two collections—Uris and Olin libraries—are planned to complement each other in support of the University's program of teaching and scholarship. Besides the central facilities there is an extensive system of libraries which meets the special needs of students enrolled in individual colleges, schools, and departments. Chief among these are the Albert R. Mann Library serving the Colleges of Agriculture and Human Ecology; the Fine Arts Library serving the College of Architecture, Art, and Planning; the libraries of the College of Engineering and the New York State Veterinary College; and the libraries serving the Graduate School of Business and Public Administration, the Law School, the School of Hotel Administration, and the New York State School of Industrial and Labor Relations.

All of the libraries are open long hours, most of them until midnight. Many have special copying services, and some publish handbooks and bibliographies that are distributed without charge.

## CAMPUS LIFE

Cornell students have the opportunity of participating in a varied program of activities outside the regular course of study. They will find their college experience enriched if they use that opportunity wisely. If they are interested in student government, athletics, publications, music, dramatics, forensics, social organizations, or other extracurricular activities, they will find an exceptionally long list from which to choose.

From the few activities that can be described here, the prospective student may get a general idea of what kinds are likely to arouse his interest. He will have plenty of time to decide on the extent of his participation after he has enrolled in the University and has become firmly established in his academic work.

## SOCIAL AND CULTURAL ACTIVITIES

For those with interests in particular fields, there are more than a hundred organized groups, which include both faculty and students in their membership. Among them are clubs for persons with similar academic interests or similar hobbies, local chapters of professional organizations, associations of students from other nations, and a number of national honorary societies that recognize achievement in scholarship and other fields of endeavor.

## ATHLETICS

At Cornell, athletics are designed to encourage the participation of every able-bodied student either in varsity sports or in the comprehensive intramural program. In addition to physical fitness, the work in athletics stresses the development of sportsmanship and a keen competitive spirit as enduring values that will be carried into later life. Cornell supports the largest intercollegiate athletic program in the country and belongs to the Ivy League. At Cornell, there is varsity and freshman competition in the following sports: baseball, basketball, crew, 150-pound crew, cross country, fencing, football, 150-pound football, golf, gymnastics, hockey, lacrosse, polo, rifle, sailing, squash, soccer, skiing, swimming, tennis, track, and wrestling. Intramural and informal sports include badminton, basketball, billiards, bowling, boxing, broomstick polo, cross-country, fencing, golf, hockey, horseshoes, judo, sailing, skating, skiing, soccer, softball, swimming, table tennis, touch football, track, volleyball, and wrestling.

## MUSIC

The Sage Chapel Choir, the Cornell Chorus, the University Glee Club, the University orchestras and bands, chamber music ensembles, the Opera Workshop, and other musical organizations give a wide range of opportunity to students who want to participate in music making. The University Faculty Committee on Music sponsors visiting soloists and major orchestras in the Bailey Hall Concert Series, string quartets and other groups in the Chamber Music Series at Alice Statler Auditorium, and occasional operas, ballets, and special events. In addition, the Department of Music sponsors more than sixty free concerts and lectures by visiting artists or by Cornell faculty and students.

## PUBLICATIONS

Cornell students edit and publish a yearbook, the *Cornellian*; several literary magazines; and a number of magazines relating to

special fields of interest such as the *Cornell Engineer*, the *Cornell Countryman*, and the *Cornell Law Quarterly*. Cornell students are also involved with the private publication of the *Cornell Daily Sun*.

## STUDENT CONDUCT

Cornell University is an academic institution devoted to the pursuit of excellence in education. While this education emphasizes intellectual excellence, it must include the sum of an individual's experience at the University. Diversity of opportunity and freedom of choice and action are essential to a Cornell education; but excellence depends upon the responsibility of each person to exercise the privileges of freedom with concern for his own integrity as well as the best interests of the community.

The private life of each member of the community must be respected. Cornell University, therefore, assumes that responsible conduct by individuals and groups must comply with minimum standards and regulations necessary to insure maximum individual freedom and the effective functioning of the University as an educational institution.

Recognized student organizations are expected to assume the responsibilities of membership in the University community. The Scheduling, Coordination, and Activities Review Board (SCARB) is charged with effective enforcement of regulations applicable to all student organizations over which SCARB has jurisdiction. These regulations, and the penalties for group violations which may be imposed by SCARB, are set forth in SCARB's constitution, which was revised in 1968. The Faculty Committee on Student Affairs may hear appeals of decisions rendered by SCARB on violations of SCARB policy.

No policy or regulation can exert a significant influence on a community without representative student participation on appropriate University committees. The establishment of policies concerned with student life has been the result of the combined efforts of students, faculty, and administration. Their guiding principle has been the belief that each student at Cornell should take major responsibility for the governance of his own affairs.

The *Policy Notebook for Students*, mailed to all new students before classes begin, makes clear to students and student organizations the nature of their obligations as members of an educational community and establishes the consequences of failure to meet those obligations for which they are held accountable. It should be emphasized that the principle of procedural fairness as set forth in faculty legislation is basic to the process of adjudicating violations.

Complaints relating to student conduct are considered by the Office of the Judicial Administrator and the appropriate judicial boards.

On May 1, 1969, the University Board of Trustees set forth the following declaration.

We hereby affirm that these are the governing standards of Cornell University:

1. That all students and faculty are guaranteed the right of free speech.
2. That the freedom to teach in accordance with the dictates of intellect and conscience is fundamental to the University, and that no one has any right to inhibit the rights of others to teach or to interfere with the freedom to learn.
3. That bigotry and racial discrimination have no place on the Cornell campus.
4. That every member of the Cornell community is to be judged individually as to his conduct and performance.
5. That the University is not a sanctuary from the law.
6. That duress, intimidation, violence and the threat of violence are inimical to the life of the University and unacceptable as expressions of dissent.
7. That disruption and the tactics of terror will be met by firm and appropriate response.
8. That orderly change is essential to the life and the growth of the University.
9. That Cornell encourages faculty and student ideas for adapting the structure, curricula, and programs of the University to the changing needs of the times.
10. That all University policies must be consonant with the basic Cornell principle of freedom with responsibility.

## OMBUDSMAN

The position of ombudsman at Cornell was created to investigate at the request of members of the University community any grievances that may arise against the University or against anyone in the University exercising authority. Mrs. Alice H. Cook is the ombudsman and Allan L. Sapakie is her assistant. The offices are in room 287, Ives Hall, and in room 214, Industrial and Labor Relations Research Building, Garden Avenue. The telephone number is 256-4321.

## STUDENT UNIONS

There are two student unions at Cornell: Willard Straight Hall, which has served student needs since 1925, and the Agnes and Jansen Noyes Center, which was opened in the fall of 1967. Students have full access to both buildings and the use of their many services by virtue of payment of the General Fee.

Willard Straight Hall serves as a campus gathering point and a center for social, cultural, and recreational activities for all Cornell students. It has facilities for dances, receptions, and other social gatherings; a theatre; a billiard and game room; a library; lounges; a music room; a room for the exhibition of works of art; a craftshop; a barber shop. Pictures and phonograph records are available for rental to students. Dining services include a cafeteria, snack bar, dining room, and rooms for private luncheons and dinners.

The Noyes Student Center was made possible through the generosity of Agnes and Jansen Noyes. Like Willard Straight, it provides numerous facilities and activities for members of the Cornell community. The facilities include dining service, study lounges, meeting rooms, a music listening room, an exercise area, a game room with table tennis and billiards, and an information and service desk selling sundries, newspapers, and magazines.

The programs and activities available to students for extra-curricular recreation and learning are of primary importance. They are planned by members of the Dormitory Area Council, consisting of students, faculty, and staff with responsibility for Noyes Center. These services and activities support the educational objectives of the University and provide opportunities for more meaningful personal relationships among members of the Cornell community.

## THEATRE ARTS

A wide range of dramatic production is presented by Cornell students under the sponsorship and general supervision of the Department of Theatre Arts. Eight of these productions are presented as a "season" which is scheduled in advance and for which open tryouts are held at the beginning of each semester. Other, more informal productions, accumulate throughout the year, and invitations to participate in these productions are posted on the bulletin boards of Lincoln Hall. Productions are normally mounted in the range of facilities available in the University Theatre in Willard Straight Hall, the Drummond Studio in Lincoln Hall, and the Kaufmann Auditorium in Goldwin Smith Hall.

Through the facilities of the Department and the Independent Film-Makers at Cornell, students are provided with film-making opportunities. The University Theatre film program presents an annual series of distinguished foreign and American films, providing the University community with unusual opportunities to explore the art of the cinema.

## HEALTH SERVICES

The University Health Services provide facilities for comprehensive medical care of students. To help students achieve their educational goals the objectives are: (1) the diagnosis and treatment of illness (physical and emotional) with a minimum time loss from academic work; (2) the prevention of acute physical and emotional disorders whenever possible; and (3) the development of an intelligent and realistic attitude toward health on the part of every student.

**ELIGIBILITY AND FEES.** All students regularly registered in the University are eligible for the University health services. The cost is included in the General Fee.

### THE CLINIC AND INFIRMARY

Outpatient care is centered in the Gannett Medical Clinic, 10 Central Avenue. Hospital care is given in the Sage Infirmary. The Infirmary is on Sage Place, with the entrance on East Seneca Street between Stewart Avenue and Schuyler Place, about five blocks from the edge of the campus.

The Clinic and Infirmary medical staff, under the supervision of the clinical director, consists of attending physicians from the University staff and of consulting physicians and surgeons in the various medical fields from Ithaca and vicinity.

A student may consult a physician at the Clinic whenever need arises. Appointments with individual doctors at the Clinic should be made by calling or coming in person to the Clinic. An acutely ill patient will be seen promptly whether he has an appointment or not.

*Emergency Service:* Students who need medical attention during the hours when the Clinic is closed, may go to Sage Infirmary. If an accident or serious illness occurs, the physician on Emergency Service may be reached by calling 256-3493 during Clinic hours or 256-6962 after Clinic hours.

Hospitalization in Sage Infirmary for a maximum of fourteen days each term is included. (A per diem charge is made if hospitalization extends beyond fourteen days.) Hospital service includes medical and emergency surgical care, as well as laboratory and x-ray examinations indicated for diagnosis and treatment. (Emergency surgery is defined as initial surgical procedure which, in the opinion of the clinical director, is necessary for the immediate welfare and safety of the patient.) The General Fee does not include surgery for the correction of chronic remedial defects or obstetrical care. There is an additional fee for emergency house calls.



In providing these services, the University reserves the right to bill the student's employer or other third party, including a pre-existing insurance carrier, legally responsible for providing hospitalization and medical care and to be subrogated to the student's right against these parties for the cost of these services when such liability exists.

A student in Sage Infirmary may, if he so desires, employ a private physician from the visiting staff. A student may also receive medical care from a private physician rather than consult the Clinic. The General Fee does not, however, include the cost of such private arrangements.

Prospective students are urged to have dental, visual, and other remedial defects corrected before entering the University.

If, in the opinion of the University authorities, the student's health makes it unwise for him to remain in the University, he may be required to withdraw.

**ELECTIVE INSURANCE PLAN.** On a voluntary basis insurance is available to supplement the services as outlined above. For example, hospitalization in Sage Infirmary in excess of fourteen days a term, and expenses for illness or accidents outside Ithaca both during the academic year and during vacation would be covered. Information about this insurance may be obtained at the Gannet Medical Clinic where a representative of the elective insurance company has an office.

## HEALTH REQUIREMENTS

Each entering student is expected to assume personal responsibility for fulfilling the following health requirements adopted by the Cornell University trustees. Permission to register for a new semester will not be granted unless all health requirements pertaining to the previous semester have been fulfilled.

### UNDERGRADUATE STUDENTS

**A. IMMUNIZATION.** A satisfactory certificate of immunization against smallpox, on the form supplied by the University, must be submitted before registration. It will be accepted as satisfactory only if it certifies that within the last three years a successful vaccination has been performed. If this requirement cannot be fulfilled by the student's home physician, opportunity for immunization will be offered by the Cornell medical staff during the student's first semester, with the cost to be borne by the student. If a student has been absent from the University for more than three years, immunity will be considered to have lapsed, and a certificate of revaccination must be submitted.



As part of his training in the Cornell Medical College (New York City), and under the supervision of an attending pediatrician of the College staff, a fourth-year student examines a small patient in the well-baby clinic at The New York Hospital.

**B. X RAY.** Every student is required to have a chest x ray. Opportunity is given to satisfy this requirement during the student's first week on campus. The cost of the x-ray examination is included in the General Fee. When a student who has been away from the University for more than a year wishes to reenter, he must, at his own expense, again fulfill the chest x-ray requirement.

**C. MEDICAL EXAMINATION.** Each undergraduate student is required to submit a health history and to have a medical examination. (This applies also to special students who must meet other medical and health requirements such as physical education and military training.) A student accepted for admission will be sent forms to be filled out by his home physician and returned promptly to the Gannett Medical Clinic. A University physician will review the material before it becomes part of the student's permanent health record. All information given is confidential. After arrival at Cornell, if the medical history indicates a need, a student will be given an appointment to consult a physician at the Clinic. When a student has been away from the University for more than a year, he must, upon reentrance, submit an interim health history on a University form.

**D. TETANUS TOXOID.** Students, including special students enrolled in one-year or two-year courses, are required to be immunized to tetanus through use of tetanus toxoid. The University has adopted this rule to avoid reactions, often serious, if antitoxin (horse serum) is administered at the time of injury. Immunity through toxoid offers the advantage of protection without risk of antitoxin reaction.

Active immunization shall be acquired within five years prior to initial registration unless the student's home physician is unable to give the toxoid. If there has been no previous immunization, an original series of two or three doses, depending on the type used, spaced at least one month apart, will be necessary. This will be followed by a booster dose one year later. If there has been previous immunization, reactivation by a single booster dose is required for entrance to Cornell. After entrance a booster dose will be given whenever medically indicated.

Certification of immunization by the student's home physician is to be reported on the immunization form supplied by the University. Students unable to obtain the immunization at home will be given the opportunity, during the first semester, to obtain it from the Cornell medical staff or any Ithaca physician. If it is received from the former, a charge comparable to the average physician's fee will be made. Opportunity will also be given to obtain the booster dose that is required one year later, as well as any further booster doses as recommended by recognized medical authorities.

## GRADUATE STUDENTS

**A. IMMUNIZATION.** A satisfactory certificate of immunization against smallpox, on the form supplied by the University, must be submitted before registration. It will be accepted as satisfactory only if it certifies

that within the last three years a successful vaccination has been performed. If this requirement cannot be fulfilled by the student's home physician, opportunity for immunization will be offered by the Cornell medical staff during the student's first semester, with the cost to be borne by the student. If a student has been absent from the University for more than three years, immunity will be considered to have lapsed, and a certificate of revaccination must be submitted.

B. X RAY. Every student is required to have a chest x ray. Opportunity is given to satisfy this requirement during the student's first week on campus. The cost of the x-ray examination is included in the General Fee. When a student who has been away from the University for more than a year wishes to reenter, he must, at his own expense, again fulfill the chest x-ray requirement.

C. HEALTH HISTORY. Graduate students, when accepted, must submit *health histories* on forms supplied by the University. These should be returned promptly to the Gannett Medical Clinic. A University physician will review the material before it becomes part of the student's permanent health record. All information given is confidential. After arrival at Cornell, if the medical history indicates a need, a student will be given an appointment to consult a physician at the Clinic. When a student has been away from the University for more than a year, he must, upon reentrance, submit an interim health history on a University form.

D. TETANUS TOXOID. While not required, it is strongly recommended by the University Health Services that all graduate students have immunization against tetanus before entering the University. The Health Services will, however, make available at the Gannett Clinic initial and all booster tetanus toxoid immunizations at a nominal charge.

## PHYSICAL EDUCATION

As part of the normal course of study leading to a baccalaureate degree, the University faculty has established the following requirements in physical education:

All undergraduate students must complete four terms of work in physical education.

The requirement in physical education is a requirement of the first four terms, and postponements are to be allowed only by consent of the University Faculty Committee on Requirements for Graduation.

Exemptions from the requirement may be made by the Committee on Requirements for Graduation when recommended by the Cornell medical staff, or because of unusual conditions of age, residence, or outside responsibilities. Students who have been discharged from the armed forces may be exempted.

For students entering with advanced standing, the number of terms of physical education required is to be reduced by the number of terms

which the student has satisfactorily completed (not necessarily including physical education) in a college of recognized standing.

Responsibility for the interpretation of the requirement and for its application in individual cases is placed upon the Committee on Requirements for Graduation.

The University requirements in physical education may be met by four terms of satisfactory work in courses under the supervision of the Department of Physical Education. Publications describing the courses offered will be made available to entering students by the Department. There are separate programs, with separate staffs, for men and women. The courses are directed toward the development of skills and the encouragement of an interest in recreational sports that will be carried over after graduation, as well as toward the student's immediate physical welfare.

Any entering student who believes that he qualifies for exemption from the requirements or for postponement of the satisfaction of them should present his case to the appropriate member of the University Faculty Committee on Requirements for Graduation. The committee members are:

Chairman: Dean Robert D. Miller (University Faculty); Professor James O. Mahoney (College of Architecture, Art, and Planning); Professor Herbert L. Everett (College of Agriculture); Director Donald P. Dietrich, Office of Resident Instruction (School of Industrial and Labor Relations); Professor Howard G. Smith (College of Engineering); Professor Ellis P. Leonard (Veterinary College); Dean Robert A. Beck (School of Hotel Administration); Dean Alfred E. Kahn (College of Arts and Sciences); Professor Martin W. Sampson (Division of Unclassified Students); Professor Jean Failing, Coordinator, Resident Instruction (College of Human Ecology).

## MOTOR VEHICLES

The University does not encourage student use of motor vehicles but recognizes that in certain cases there may be important reasons why a student needs a motor vehicle. University regulations apply to all types of motor vehicles, including automobiles, motorcycles, motor bikes, and motor scooters.

Every student who owns, maintains, or for his own benefit operates a motor vehicle in Tompkins County must register it with the Safety and Security Division unless that vehicle is otherwise currently registered with the Division of Safety and Security. Freshmen are not permitted to own, maintain, or operate motor vehicles in Tompkins County. All students must register motor vehicles within the prescribed time for University registration at the beginning of the fall term (*exception*: students who are not then subject to this rule but later become subject

to it must register vehicles within five days after becoming so subject). Nonregistered vehicles may not be parked on campus at any time. (Students entering the University for the spring semester or reentering after a period of absence must register motor vehicles with the Safety and Security Division at the time of, or within the time for, general registration.)

Every student who has a motor vehicle must comply with the following requirements: (1) the student must be legally qualified to operate a motor vehicle in New York State; (2) the vehicle must be registered in New York State or legally qualified to be operated on the highways of New York State; (3) the vehicle must be effectively insured against public liability for personal injury and property damage for the minimum of \$10,000—\$20,000—\$5,000, for the duration of such registration and while the vehicle is under the control of the registering student; (4) a fine is levied if the vehicle is not registered within the specified time.

No student may park his motor vehicle on the campus from 8:00 A.M. to 5:00 P.M. Monday through Friday, or from 8:00 A.M. to 1:00 P.M. Saturdays. Certain areas are restricted twenty-four hours a day; such areas include "no parking" zones, dormitory parking areas, and areas listed as limited at all times to holders of specific permits.

Special area parking permits are issued only after careful consideration by the Division of Safety and Security. Extenuating circumstances (physical disabilities, etc.) are the basis for the issuance of these permits.

The student's registration in the University is held to constitute an agreement on his part that he will abide by all its rules and regulations with regard to traffic and parking or suffer the penalty prescribed for any violation of them.

Correspondence regarding motor vehicles should be addressed to the Board on Traffic Control, G-2 Barton Hall.

## EXPENSES

The costs of attending Cornell fall into two general categories. The first category includes certain fixed charges for tuition, fees, and deposits, and related charges for services provided by the University. The second category includes living costs and items of personal expense. To make a realistic estimate of his financial needs at Cornell, the prospective student should note carefully each of the sections that follow.

## UNIVERSITY CHARGES

For certain services or privileges the University charges a General Fee over and above tuition. The General Fee is paid by all students in the divisions at Ithaca, the amount varying in the different schools and colleges. It contributes toward the services

given by the libraries, the Gannett Clinic and Sage Infirmary, and the students unions in Willard Straight Hall and Noyes Student Center; it also pays part of the extra costs of laboratory courses and general administration, as well as programs of physical recreation and student activities. Approximately \$61 of the General Fee is used each school year for health services.

Students entering the Ithaca divisions of the University should familiarize themselves with the charges made in the college or school in which they plan to enroll and with the rules governing payments as given in the pages following. Table 1 lists the tuition and General Fee paid *each term* by students in the Ithaca divisions of the University (there are two terms in the normal academic year). Tuition and fees in the Medical College and the School of Nursing in New York City are listed in the *Announcements* of those divisions.

### Other Fees and Deposits

In addition to the charges listed in the table, certain financial obligations should be carefully noted and taken into account in the student's budget of expenses for the term in which they are due (see pp. 71-73).

An *application fee* of \$15 must be paid at the time an application for admission is submitted to any division.

A *registration fee* of \$50 must be paid after the applicant has received notice of provisional acceptance from any of the following divisions: Agriculture; Architecture, Art, and Planning; Arts and Sciences; Engineering (except Graduate School of Aerospace Engineering); Human Ecology; Hotel Administration; Industrial and Labor Relations; Unclassified; and Veterinary. This fee covers matriculation charges and certain graduation expenses and establishes a fund for undergraduate and alumni class activities; it does not apply toward the first term's tuition or the General Fee.

A *registration fee* of \$35 must be paid after the applicant has received notice of provisional acceptance from any of the following divisions: Graduate School, Graduate School of Business and Public Administration, Graduate School of Aerospace Engineering, Graduate School of Nutrition. The fee does not apply toward the first term's tuition or the General Fee.

A *registration fee* of \$50 must be paid after the student has received notice of provisional acceptance from the Law School. The fee covers matriculation expense and student activities.

A *deposit* of \$30 against the cost of a uniform is payable at

TABLE 1. TUITION AND GENERAL FEE

COLLEGE, SCHOOL, OR DIVISION	TUITION	GENERAL FEE	TOTAL EACH TERM
ARCHITECTURE, ART, AND PLANNING .....	\$1,025.00	\$275.00	\$1,300.00
ARTS AND SCIENCES .....	1,025.00	275.00	1,300.00
ENGINEERING .....	1,025.00	275.00	1,300.00
GRADUATE SCHOOL, with major field of study in an endowed division .....	1,010.00	290.00	1,300.00
GRADUATE SCHOOL, if the major chairman is on the faculty of a statutory division,* or the Graduate School of Nutrition .....	200.00	312.50	512.50
AEROSPACE ENGINEERING ...	1,025.00	275.00	1,300.00
BUSINESS AND PUBLIC ADMINISTRATION .....	1,025.00	275.00	1,300.00
HOTEL ADMINISTRATION ...	1,025.00	275.00	1,300.00
LAW .....	900.00	237.50	1,137.50
AGRICULTURE:			
Resident† .....	200.00	212.50	412.50
Nonresident .....	300.00	312.50	612.50
HUMAN ECOLOGY:			
Resident† .....	200.00	237.50	437.50
Nonresident .....	300.00	337.50	637.50
INDUSTRIAL AND LABOR RELATIONS:			
Resident† .....	200.00	175.00	375.00
Nonresident .....	300.00	275.00	575.00
VETERINARY:			
Resident† .....	200.00	237.50	437.50
Nonresident .....	300.00	337.50	637.50
UNCLASSIFIED STUDENTS ...	1,025.00	275.00	1,300.00
EXTRAMURAL COURSES:			
Tuition per credit hour .....	65.00		

\* The four statutory schools or colleges at Cornell are Agriculture, Human Ecology, Industrial and Labor Relations, and Veterinary.

† A resident is a person who has been a bona fide resident of the state of New York for at least one year prior to registration for each term in one of the four statutory schools or colleges at Cornell (as named in the preceding footnote).

registration in the first term by those enrolling in the basic courses in military and air science. Most of the deposit is returned as earned uniform allowance upon completion of the two-year basic course. If the student withdraws prior to completion of the course, he will owe for the total cost of the uniform less any uniform allowance earned and less a portion of the deposit.



## Transfer Tuition

Any student transferring from one college (or course or courses) in the University to another must, on or before the time of transfer, pay an amount corresponding to the difference in tuition for the hours of credit that will be allowed in the latter college (or course or courses).

## Excess Hours Tuition

Students in the four statutory divisions who take courses in the endowed divisions beyond the hours allowed free under the rules of those statutory divisions, may be allowed to do so on payment for the additional hours of instruction at the rate of tuition in the college in which the instruction is given.

## Special Fees

The following fees are imposed under certain conditions: late registration, \$10; make-up examination, \$2; late filing of study card, \$10; late change of program, \$3; failure to check out chemistry desk, \$5.

## PAYMENT OF UNIVERSITY BILLS

All bills are rendered to the student, and it is his or her responsibility to see that each bill is paid by the due date. Checks in payment of student accounts should be drawn in the amount owed. A penalty of \$10 is assessed for late payment, and the student may be deprived of the privileges of the University. Cornell cannot undertake to bill the parent or another person.

## Tuition and General Fee

The Treasurer's Office mails a statement of tuition and fee charges to the home address of each undergraduate student prior to the beginning of each term. The charges are due and payable before registration.

A student in a graduate or professional division receives a tuition and fee bill with the registration material. The due date, noted on the bill, is generally within the first ten days of the term.

Financial aid awarded by the University, except loans, will be applied directly to the charges for tuition and fees. If the University award exceeds the tuition and fees, the balance will be available after the beginning of each term in the form of a check.

A student completes arrangements for a loan authorized by the University by signing a note in the Office of Scholarships and

Financial Aid. The proceeds of a loan must be applied first to University charges.

New York State prepares individual checks, payable to the student, in payment of New York State scholarships, fellowships, and scholar incentive awards and sends the checks to the University for distribution. The checks usually arrive late in the term, and they are not, therefore, available to use toward payment of tuition and fees.

A student may claim credit on the tuition and fee bill or statement for the value of the award by presenting the right-hand stub portion of the award certificate issued to the student by New York State, valid for the particular school year for use at Cornell University. The student must also complete a power of attorney form, or have completed one previously, authorizing the University to negotiate the state check.

The University offers students and parents a plan for paying the yearly tuition and General Fee charge in eight equal monthly payments beginning September 1 and continuing through the following April 1. A service charge of \$7.50 is made to cover, partially, the cost of administering the plan. A student or parent who desires to make use of this plan should address a request to the Treasurer, Cornell University, Edmund Ezra Day Hall.

## Refunds

Part of the tuition and General Fee will be refunded to students who officially withdraw during the first nine weeks of a term. A student arranges for withdrawal at the office of the dean or director of the academic division in which he is enrolled. Students who withdraw are charged tuition and General Fee at the rate of 10 percent for each week or fraction of a week from registration to the effective date of withdrawal. No charge is made if the student withdraws within six days of registration. No part of the registration or matriculation fees is refundable.

## Room and/or Food Costs in University Residences

Payment of the yearly charges for room and/or food is due in two installments. The room charge is based on the rate of the assigned room. In May, students registered at Cornell are billed for the first half of the following year, and payment is due August 15. New students normally receive room assignments during July or August, and the first payment is due within ten days of assignment. The due date for payment for the second semester varies from year to year but usually occurs early in February.

*The amount, time, and manner of payment of tuition, fees, or other charges may be changed at any time without notice.*

## ESTIMATE OF STUDENTS' EXPENSES

The figures below are estimates of specific expenses for the regular academic year of two terms. They do *not* include tuition, the General Fee, and certain other fees, all of which are given in detail in earlier pages of this section. Students should also add their own travel expenses to the estimated total.

Room and food costs .....	\$1,400
Admissions deposit	} ..... 650
Books and equipment	
Personal allowances	
Laundry and cleaning	
Total (average) expenses .....	<u>\$2,050</u>

## CHOOSING A COLLEGE OR SCHOOL

For a person interested in Cornell, the matter of deciding in which division of the University he wants to study should not be difficult. The general descriptions of the work in the several colleges and schools as given on pp. 7-29 should indicate which division offers the desired type of preparation. The prospective student should write for the *Announcement* that gives a detailed description of the curriculum in which he is interested. (The writer should include his zip code in his return address.) A list of the *Announcements* will be found at the end of this publication; any *Announcement* will be mailed without charge.

### SUBJECTS OF STUDY

The prospective student frequently and naturally thinks in terms of specific courses, such as chemistry, or design, or bacteriology, instead of in terms of a broad curriculum such as arts and sciences, or architecture, or agriculture. Therefore, in identifying the division in the University where particular instruction is offered, he may find the following general list of subjects of study useful. The subject is the left-hand column of the list, and the college or school in which the subject is taught is in the right-hand column.

The names of the colleges and schools of the University are abbreviated as follows: Agriculture (*Ag*); Architecture, Art, and Planning (*Arch*); Arts and Sciences (*Arts*); Business and Public Administration (*Bus*); Engineering (*Engin*); the Graduate School (*Grad*);<sup>3</sup> Human Ecology (*Human Ec*); Hotel Administration (*Hotel*); Industrial and Labor Relations (*ILR*); Law (*Law*); Medical (*Med*); Graduate Medical Sciences (*Grad Med*); Nursing (*Nurs*); Nutrition (*Nutrit*); and Veterinary (*Vet*). Each division has a separate *Announcement*. Information about military science, naval science, and aerospace studies (AFROTC) is given in the *Announcement of Officer Education (Officer)*. Information about the academic offerings in Asian studies and education is given in the *Announcement of Asian Studies (Asian)* and the *Announcement of Education (Educ)*.

3. The writer should specify which of the four *Announcements of the Graduate School* he needs (see the list at the end of this *Announcement*).

<i>Subject of Study</i>	<i>College or School</i>
ACCOUNTING	<i>Ag, Bus, Engin, Hotel</i>
ACTING	<i>Arts</i>
ADMINISTRATION AND LAW	<i>Bus, Law</i>
ADMINISTRATIVE PROCESS	<i>Bus</i>
AEROSPACE ENGINEERING	<i>Engin</i>
aerodynamics	
gasdynamics	
magnetofluidynamics	
plasma physics	
AEROSPACE STUDIES (ROTC)	<i>Officer</i>
AGRICULTURE, GENERAL	<i>Ag</i>
AGRICULTURAL BROADCASTING	<i>Ag</i>
AGRICULTURAL ECONOMICS	<i>Ag</i>
agricultural policy	
agricultural geography and land economics	
business management	prices
farm finance	marketing
farm management	statistics
public administration	
AGRICULTURAL ENGINEERING	<i>Ag, Engin</i>
agricultural structures	
electrical power and processing	
power and machinery	
soil and water engineering	
AGRICULTURAL EXTENSION	<i>Ag</i>
AGRICULTURAL BUSINESS MANAGEMENT	<i>Ag, Bus</i>
AGRICULTURAL MISSIONARY SERVICE	<i>Ag</i>
AGRICULTURAL SCIENCE	<i>Ag</i>
AGRONOMY	<i>Ag</i>
field crops	soil science
soil conservation	
AIR SCIENCE	<i>Officer</i>
AMERICAN STUDIES	<i>Arts, ILR</i>
ANALYSIS OF DATA	<i>Arts, Bus, ILR</i>
ANATOMY	<i>Arts</i>
ANIMAL SCIENCE	<i>Ag</i>
animal breeding and physiology	
animal nutrition	meats
dairy husbandry	
ANTHROPOLOGY	<i>Arts</i>
APPAREL DESIGN (merchandising)	<i>Human Ec</i>
APPLIED MATHEMATICS	<i>Arts</i>
APPLIED PHYSICS	<i>Arts, Engin</i>
ARBITRATION	<i>ILR</i>
ARCHAEOLOGY	<i>Arts</i>
ARCHITECTURAL SCIENCES	<i>Arch</i>
ARCHITECTURE	<i>Arch</i>
ARCHITECTURAL HISTORY	<i>Arch</i>
ART (history of)	<i>Arts</i>
ART (practice of fine arts)	<i>Arch</i>
ASIAN STUDIES	<i>Arts, Asian</i>
ASTRONOMY AND SPACE SCIENCES	<i>Arts</i>
BACTERIOLOGY	<i>Ag, Med, Vet</i>
BANKING AND FINANCE	<i>Ag, Bus</i>
BIOCHEMISTRY	<i>Ag, Arts, Med, Nutrit</i>
BIOLOGICAL SCIENCES	<i>Ag, Arts</i>
biochemistry and molecular biology	
cell physiology, growth, and development	
ecology and systematics	
genetics, development, and physiology	

<i>Subject of Study</i>	<i>College or School</i>
microbiology	
neurobiology and behavior	
BIOMATHEMATICS	<i>Grad Med</i>
BOTANY	<i>Ag</i>
BUSINESS ADMINISTRATION	<i>Bus</i>
(See also Agricultural Economics)	
accounting (industrial & public)	
agricultural management	finance
business management	
hospital & health administration	
managerial economics	marketing
personnel management	production
transportation & public utilities	
BUSINESS LAW	<i>Ag, Bus, Hotel</i>
BUSINESS MANAGEMENT	<i>Ag, Bus</i>
CHEMICAL ENGINEERING	<i>Engin</i>
chemical processes and process control	
reaction kinetics	
nuclear process engineering	
biochemical engineering	
polymeric materials	
CHEMISTRY	<i>Arts, Hotel</i>
CHILD DEVELOPMENT	<i>Human Ec</i>
CHINESE	<i>Arts</i>
CINEMA	<i>Arts</i>
CITY MANAGEMENT	<i>Bus</i>
CITY AND REGIONAL PLANNING	<i>Arch</i>
CIVIL ENGINEERING	<i>Engin</i>
aerial photographic studies	
construction management	
environmental systems engineering	
geodetic engineering	
geotechnical engineering	
hydraulics and hydrology	
sanitary engineering	
structural engineering	
transportation engineering	
water resources systems	
CLASSICS	<i>Arts</i>
CLOTHING	<i>Human Ec</i>
CLUB MANAGEMENT	<i>Hotel</i>
COLLECTIVE BARGAINING	<i>ILR</i>
COMMUNICATION ARTS	<i>Ag</i>
COMMUNITY NUTRITION	<i>Human Ec</i>
COMMUNITY SERVICE EDUCATION	<i>Human Ec</i>
COMPARATIVE LITERATURE	<i>Arts</i>
COMPUTER SCIENCE	<i>Arts, Engin</i>
information processing	
numerical analysis	
theory of computation	
COMPUTERS AND DATA PROCESSING	<i>Engin, Hotel</i>
CONSERVATION	<i>Ag</i>
fishery science	
forest science	
outdoor recreation	
wildlife science	
CONSUMER ECONOMICS	<i>Human Ec</i>
CONSUMER EDUCATION	<i>Human Ec</i>
CONSUMER PRODUCT DESIGN	<i>Human Ec</i>
DAIRY PRODUCTION	<i>Ag</i>
DESIGN	<i>Human Ec</i>

## 76 SUBJECTS OF STUDY

<i>Subject of Study</i>	<i>College or School</i>	<i>Subject of Study</i>	<i>College or School</i>
DESIGN, ARCHITECTURAL .....	<i>Arch</i>	EXTENSION EDUCATION .....	<i>Ag, Educ</i>
DESIGN, ENGINEERING .....	<i>Engin</i>	FAMILY DECISION MAKING .....	<i>Human Ec</i>
DEVELOPMENTAL PSYCHOLOGY ..	<i>Human Ec</i>	FAMILY RESOURCE MANAGEMENT .....	<i>Human Ec</i>
DIETETICS .....	<i>Human Ec</i>	FAMILY SOCIOLOGY .....	<i>Human Ec</i>
DIRECTING (theatre arts) .....	<i>Arts</i>	FAMILY STUDIES .....	<i>Human Ec</i>
DRAMA .....	<i>Arts</i>	FAMILY RELATIONSHIPS .....	<i>Human Ec</i>
DRAWING .....	<i>Ag, Arch, Human Ec</i>	FEDERAL ADMINISTRATION .....	<i>Bus</i>
DRAWING, MECHANICAL .....	<i>Ag</i>	FINANCE, BUSINESS AND PUBLIC .....	<i>Ag, Bus, Hotel</i>
ECONOMICS ....	<i>Ag, Arts, Bus, Human Ec, ILR, Nutrit</i>	FINE ARTS (practice of) .....	<i>Arch</i>
ECONOMICS AND POLICY .....	<i>Ag, Bus, ILR</i>	FLORICULTURE .....	<i>Ag</i>
EDUCATION ...	<i>Ag, Educ, Human Ec, ILR</i>	commercial floriculture	
agricultural education		greenhouse crops production	
curriculum and instruction		landscape service	
early childhood education		nursery management	
educational administration and supervision		ornamental horticulture	
educational psychology and measurement		plant materials and propagation	
elementary education		FOOD DISTRIBUTION .....	<i>Ag, Bus</i>
extension, adult and continuing education		FOOD FACILITIES ENGINEERING .....	<i>Hotel</i>
general education		FOOD AND NUTRITION .....	<i>Human Ec</i>
guidance and personnel administration			<i>Nutrit</i>
history, philosophy, and sociology of education		FOOD SERVICE MANAGEMENT .....	<i>Hotel, Human Ec</i>
home economics education		FOOD SERVICE AND TECHNOLOGY .....	<i>Ag</i>
kindergarten			<i>Nutrit</i>
nature study, science, and conservation education		FOOD TESTING AND RESEARCH ..	<i>Human Ec</i>
nursery school		FOREIGN AGRICULTURE SERVICE .....	<i>Ag</i>
organizational behavior		GENETICS .....	<i>Ag</i>
secondary education		GEOGRAPHY .....	<i>Arts</i>
ELECTRICAL ENGINEERING .....	<i>Engin</i>	GEOLOGICAL SCIENCES .....	<i>Arts</i>
electrical systems		GERMAN .....	<i>Arts</i>
electrophysics		GOVERNMENT .....	<i>Arts</i>
ENGINEERING .....	<i>Engin</i>	GRADUATE STUDIES <sup>4</sup> .....	<i>Grad</i>
aerospace	civil	GRAPHIC ARTS .....	<i>Arch</i>
agricultural	electrical	GREENHOUSE CROPS PRODUCTION .....	<i>Ag</i>
chemical	industrial	GUIDANCE .....	<i>Educ</i>
computer science		HISTORY .....	<i>Arts, ILR</i>
mechanical applied physics		HISTORY OF ARCHITECTURE .....	<i>Arch</i>
materials and metallurgy		HISTORY OF ART .....	<i>Arts</i>
engineering physics		HUMAN ECOLOGY .....	<i>Human Ec</i>
nuclear science and engineering		HOSPITAL DIETETICS .....	<i>Human Ec</i>
operations research		HOSPITALS & HEALTH ADMINISTRATION ..	<i>Bus</i>
theoretical and applied mechanics		HOTEL ADMINISTRATION .....	<i>Hotel</i>
ENGINEERING, AGRICULTURAL ...	<i>Ag, Engin</i>	accounting	administration
ENGINEERING COOPERATIVE PROGRAM	<i>Engin</i>	chemistry	data processing
ENGINEERING, HOTEL .....	<i>Hotel</i>	club management	
ENGINEERING PHYSICS .....	<i>Engin</i>	economics and finance	
ENGLISH .....	<i>Arts</i>	engineering	
ENTOMOLOGY .....	<i>Ag</i>	food service management	
insect morphology	limnology	food facilities engineering	
insect physiology	parasitology	food science	law
insect taxonomy	beekeeping	marketing	personnel
medical entomology		psychology	tourism
ENVIRONMENTAL ANALYSIS		restaurant administration	
(human and social factors) ..	<i>Human Ec</i>	HOUSEHOLD ECONOMICS .....	<i>Human Ec</i>
		HOUSEHOLD EQUIPMENT .....	<i>Human Ec</i>
		HOUSEHOLD MANAGEMENT .....	<i>Human Ec</i>
		HOUSING .....	<i>Arch</i>

4. The writer should specify which of the four *Announcements of the Graduate School* he needs (see the list at the end of this *Announcement*).

<i>Subject of Study</i>	<i>College or School</i>
HOUSING (economic and social factors)	
.....	<i>Human Ec</i>
HOUSING DESIGN .....	<i>Human Ec</i>
HUMAN DEVELOPMENT .....	<i>Human Ec</i>
HUMAN ECOLOGY .....	<i>Human Ec</i>
community service education	
consumer economics and public policy	
design and environmental analysis	
human development and family studies	
human nutrition and food	
HUMAN NUTRITION ....	<i>Human Ec, Nutrit</i>
INDUSTRIAL ENGINEERING .....	<i>Engin</i>
applied statistics and probability	
computers and data processing	
engineering administration	
information processing	
operations research	
systems analysis and design	
INDUSTRIAL AND LABOR RELATIONS ...	<i>ILR</i>
collective bargaining	
economic and social statistics	
international and comparative	
labor relations	
labor economics	
labor union history and	
administration	
manpower studies	
organizational behavior	
personnel administration	
social security and protective labor	
legislation	
INSTITUTION MANAGEMENT ....	<i>Human Ec,</i> <i>Hotel</i>
INTERIOR DESIGN .....	<i>Human Ec</i>
INTERNATIONAL AGRICULTURE .....	<i>Ag</i>
INTERNATIONAL AND FOREIGN	
OPERATIONS .....	<i>Bus</i>
INTERNATIONAL STUDIES .....	<i>Ag, Arts, Bus,</i> <i>ILR, Law, Nutrit</i>
JOURNALISM (see COMMUNICATION ARTS)	
LABOR RELATIONS (see INDUSTRIAL AND	
LABOR RELATIONS)	
LANGUAGES, MODERN AND ANCIENT ...	<i>Arts</i>
LATIN AMERICAN STUDIES .....	<i>Ag, Arts</i>
LAW .....	<i>Law</i>
emerging nations: legal problems in	
English-speaking Africa	
jurisprudence    land use planning	
law and psychiatry    legal history	
problems of urban development	
procedure    public law	
LINGUISTICS .....	<i>Arts</i>
LITERATURE .....	<i>Arts</i>
LIVESTOCK PRODUCTION .....	<i>Ag</i>
MANAGERIAL ECONOMICS .....	<i>Bus</i>
MARKETING .....	<i>Ag, Bus, Hotel</i>

<i>Subject of Study</i>	<i>College or School</i>
MATERIALS SCIENCE AND	
ENGINEERING .....	<i>Engin</i>
MATHEMACICS .....	<i>Arts</i>
MATHEMATICS, APPLIED .....	<i>Arts</i>
MECHANICAL ENGINEERING .....	<i>Engin</i>
mechanical systems and design	
thermal engineering	
MECHANICS, THEORETICAL AND	
APPLIED .....	<i>Engin</i>
mechanics of materials	
solid mechanics	
MEDIATION .....	<i>ILR</i>
MEDICINE AND SURGERY .....	<i>Med</i>
anatomy	
anesthesiology	
bacteriology and immunology	
biochemistry	
medicine and medical specialties	
microbiology and immunology	
obstetrics and gynecology	
pathology	
pediatrics	
pharmacology	
psychiatry	
physiology and biophysics	
public health and preventive medicine	
radiology	
surgery and surgical specialties	
MEDIEVAL STUDIES .....	<i>Arts</i>
METEOROLOGY .....	<i>Ag</i>
METALLURGICAL ENGINEERING .....	<i>Engin</i>
MICROBIOLOGY .....	<i>Arts, Ag</i>
MILITARY SCIENCE .....	<i>Officer</i>
MUSIC .....	<i>Arts</i>
NAVAL SCIENCE .....	<i>Officer</i>
NEUROBIOLOGY AND BEHAVIOR .....	<i>Ag</i>
NUCLEAR SCIENCE AND ENGINEERING	<i>Engin</i>
NURSERY CROPS PRODUCTION .....	<i>Ag</i>
NURSING (see also PRENURSING) ....	<i>Nurs</i>
NUTRITION (grad. studies) ....	<i>Human Ec,</i> <i>Nutrit</i>
NUTRITION, ANIMAL .....	<i>Ag, Nutrit</i>
NUTRITION, FOOD AND .....	<i>Human Ec</i> <i>Hotel, Nutrit</i>
NUTRITION, HUMAN ..	<i>Human Ec, Nutrit</i>
OPERATIONS RESEARCH .....	<i>Engin</i>
ORNITHOLOGY .....	<i>Ag</i>
PAINTING .....	<i>Ag, Arch</i>
PERSONNEL MANAGEMENT .....	<i>Bus,</i> <i>Hotel, ILR</i>
PHILOSOPHY .....	<i>Arts</i>
PHYSICAL BIOLOGY .....	<i>Vet</i>
PHYSICAL EDUCATION <sup>5</sup>	
PHYSICS .....	<i>Arts, Engin</i>
PHYSICS, APPLIED .....	<i>Arts, Engin</i>
PHYSIOLOGY .....	<i>Ag, Arts, Vet</i>

5. The requirements in physical education are described in earlier pages of this *Announcement*; details of the courses offered are given in publications made available to students by the Department of Physical Education. The courses do *not* lead to a physical education degree.

## 78 SUBJECTS OF STUDY

<i>Subject of Study</i>	<i>College or School</i>
PLANT BREEDING .....	<i>Ag</i>
genetics .....	biometry
PLANT PATHOLOGY .....	<i>Ag</i>
mycology .....	
PLASMA PHYSICS .....	<i>Arts, Engin</i>
POMOLOGY .....	<i>Ag</i>
POULTRY SCIENCE .....	<i>Ag</i>
breeding .....	management
nutrition .....	
PREDENTAL TRAINING .....	<i>Arts</i>
PRELAW TRAINING .....	<i>Arts</i>
PREMEDICAL TRAINING .....	<i>Arts</i>
PRENURSING TRAINING .....	<i>Ag, Arts,</i>
	<i>Human Ec</i>
PREVETERINARY TRAINING .....	<i>Ag, Arts</i>
PRODUCTION .....	<i>Bus</i>
PSYCHOLOGY ....	<i>Arts, Hotel, Human Ec,</i>
	<i>ILR</i>
PUBLIC ADMINISTRATION .....	<i>Bus</i>
(see also Public Admin. and Finance)	
agricultural policy and management	
city management	
finance	
federal administration	
general public administration	
hospital and health administration	
international and foreign operations	
personnel management	
transportation and public utilities	
PUBLIC ADMINISTRATION AND FINANCE ..	<i>Ag</i>
PUBLIC MANAGEMENT .....	<i>Bus</i>
PUBLIC RELATIONS .....	<i>Ag, Hotel, ILR</i>
PUBLIC SPEAKING .....	<i>Arts, Ag</i>
QUANTITATIVE ANALYSIS FOR	
MANAGERIAL DECISIONS AND	
OF ECONOMIC DATA .....	<i>Bus</i>
RADIO ASTRONOMY .....	<i>Arts, Engin</i>
RADIOPHYSICS .....	<i>Arts, Engin</i>
RADIO-TELEVISION .....	<i>Ag</i>

<i>Subject of Study</i>	<i>College or School</i>
REGIONAL PLANNING .....	<i>Arch</i>
RESTAURANT ADMINISTRATION .....	<i>Hotel</i>
ROMANCE LANGUAGES .....	<i>Ag</i>
RURAL SOCIOLOGY .....	<i>Ag</i>
RUSSIAN .....	<i>Arts</i>
SCULPTURE .....	<i>Arch</i>
SEED TECHNOLOGY .....	<i>Ag</i>
SEMITIC STUDIES .....	<i>Arts</i>
SLAVIC STUDIES .....	<i>Arts</i>
SOCIAL RELATIONS .....	<i>Arts</i>
SOCIAL SECURITY .....	<i>ILR</i>
SOCIAL SERVICE .....	<i>Ag, Human Ec</i>
SOCIOLOGY .....	<i>Arts, Human Ec, ILR</i>
SPACE PLANNING, INTERIOR ....	<i>Human Ec</i>
SPACE RESEARCH .....	<i>Arts, Engin</i>
STATISTICS .....	<i>Ag, Bus, ILR, Engin</i>
STRUCTURES .....	<i>Arch</i>
TEACHING (see EDUCATION)	
TELEVISION-RADIO .....	<i>Ag</i>
TEXTILES .....	<i>Human Ec</i>
THEATRE ARTS .....	<i>Arts</i>
THEATRE HISTORY .....	<i>Arts</i>
THEORETICAL AND APPLIED	
MECHANICS .....	<i>Engin</i>
TRANSPORTATION .....	<i>Bus, Engin</i>
URBAN DESIGN .....	<i>Arch</i>
VEGETABLE CROPS .....	<i>Ag</i>
VETERINARY MEDICINE .....	<i>Vet</i>
animal physiology .....	anatomy
animal pathology .....	animal virology
pathogenic bacteriology .....	medicine
pharmacology .....	physical biology
parasitology .....	surgery
obstetrics and diseases of the reproductive	
organs .....	
WATER RESOURCES .....	<i>Engin</i>
WORKMEN'S COMPENSATION .....	<i>ILR</i>
ZOOLOGY .....	<i>Ag, Arts</i>



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## CORNELL UNIVERSITY ANNOUNCEMENTS

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New York State College of Agriculture  
College of Architecture, Art, and Planning  
College of Arts and Sciences  
Department of Asian Studies  
Education  
College of Engineering  
New York State College of Human Ecology  
School of Hotel Administration  
New York State School of Industrial and Labor Relations  
Officer Education (ROTC)  
Summer Session

Undergraduate preparation in a recognized college or university is required for admission to certain Cornell divisions, for which the following *Announcements* are available:

Graduate School: Biological Sciences  
Graduate School: Humanities  
Graduate School: Physical Sciences  
Graduate School: Social Sciences  
Law School  
Veterinary College  
Graduate School of Business and Public Administration  
Graduate School of Nutrition  
Medical College (New York City)  
Cornell University—New York Hospital School of Nursing (New York City)  
Graduate School of Medical Sciences (New York City)

Requests for the publications listed above may be addressed to

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